

NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

OAK

PHOTOGRAPHIC INTERPRETATION REPORT

KH-4 MISSION III4

IPIR NUMBER I

MISSION III4-I OAK

25-31 MARCH 1971

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TCS-20137 /71

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**TARGET CATEGORIES
AND
ASSOCIATED NTP FUNCTIONAL AREAS (CODES)**

- | | |
|--|---|
| 1. STRATEGIC SSM | 7. GROUND |
| Deployed Strategic SSM Facilities (A) | Ground Force Facilities (G) |
| 2. MISSILE RANGES | 8. TACTICAL SSM |
| Missile Ranges: Strategic SSM/Space Facilities (P) | Deployed Tactical SSM Facilities (H) |
| Missile Ranges: Air- Launched Missile Facilities (Q) | 9. LOGISTICS |
| Missile Ranges: Naval- Launched Missile Facilities (R) | Military Logistics Facilities (K) |
| Missile Ranges: Tactical SSM Facilities (S) | 10. NUCLEAR ENERGY |
| Missile Ranges: SAM/AMM Facilities (T) | Atomic Energy Facilities (O) |
| 3. AIR DEFENSE MISSILES | 11. CBR |
| Deployed AMM Facilities (B) | CBR Facilities (V) |
| Deployed SAM Facilities (D) | 12. INDUSTRY |
| 4. ELECTRONICS/COMMUNICATIONS | Strategic Weapons Industrial Facilities (J) |
| Deployed Communication/Electronic/Radar Facilities (C) | General Purpose Weapons Industrial Facilities (L) |
| 5. AIR | Non-Military Industrial Facilities (N) |
| Air Base Facilities (E) | Communication/Electronic/Radar R&D Facilities (U) |
| 6. NAVAL | 13. MISCELLANEOUS |
| Naval Base Facilities (F) | Non-Military Logistics Facilities (M) |
| | Miscellaneous/Unidentified Facilities (Z) |

These thirteen target categories are compatible with the Functional Area of Imagery Interpretation established under the National Tasking Plan. To enhance the analysis of readout on operationally associated targets, each target is reported relative to its primary functional association (i.e., missile range tracking facilities are reported under "MISSILE RANGES," fly-away airfields at aircraft plants are reported under "INDUSTRY," airfield nuclear weapons storage facilities are reported under "AIR," etc.).

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TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

TABLE OF CONTENTS

	PAGE
PREFACE	1
MISSION HIGHLIGHTS	2
CHINA, COMMUNIST	
MISSILE RANGES	4
AIR DEFENSE MISSILES	5
AIR BASE FACILITIES	7
NAVAL BASE FACILITIES	23
GROUND FORCE FACILITIES	24
DEPLOYED TACTICAL SSM FACILITIES	27
NUCLEAR ENERGY	29
INDUSTRY	33
MISCELLANEOUS	36
UNITED ARAB REPUBLIC	
AIR BASE FACILITIES	38
NAVAL BASE FACILITIES	39
SOVIET UNION	
DEPLOYED STRATEGIC SSM FACILITIES	40
MISSILE RANGES	51
AIR DEFENSE MISSILES	55
NAVAL BASE FACILITIES	59
GROUND FORCE FACILITIES	67
NUCLEAR ENERGY	68
INDUSTRY	74

HANDLE VIA TOP SECRET RUFF
Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1
TALANT KEYHOLE
CONTROL SYSTEM ONLY

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

PREFACE

PREFACE

THIS OAK REPORT ON MISSION 1114-1 PROVIDES INFORMATION ON THE A AND B PRIORITY COMIREX TARGETS OBSERVED ON PHOTOGRAPHY.

TARGETS IN THIS REPORT ARE SEQUENCED ALPHABETICALLY WITHIN THE 13 TARGET CATEGORIES ESTABLISHED BY COMIREX. A LISTING OF THE TARGET CATEGORIES APPEARS ON THE INSIDE FRONT COVER OF THIS REPORT. TARGETS ARE FURTHER SEQUENCED BY COUNTRY AND DIVIDED INTO TWO SECTIONS -- SIGNIFICANT RESULTS AND OTHER RESULTS.

THE SIGNIFICANT RESULTS SECTIONS INCLUDE NEW TARGETS, PERISHABLE ITEMS, AND TARGETS WHICH REFLECT CHANGE AND/OR ORDER OF BATTLE. ALL REMAINING TARGETS ARE INCLUDED IN THE OTHER RESULTS SECTION.

A CUMULATIVE INDEX WILL BE PUBLISHED AT THE CONCLUSION OF EACH OAK REPORTING PHASE. ANOTHER CUMULATIVE INDEX WILL BE PUBLISHED AT THE CONCLUSION OF THE OAK SUPPLEMENT PHASE.

FOR EXPLANATION OF PREFIXES AND CODES USED IN THIS REPORT, SEE THE NATIONAL STANDARD MESSAGE FORMAT FOR ELECTRICAL TRANSMISSION OF FIRST- AND SECOND-PHASE EXPLOITATION (COMIREX-D-31.2/11, 1ST REVISION, JANUARY 1969 AND TCS-8264/68, JUNE 1968, THE SUPPLEMENT TO COMIREX-D-31.2/11).

THE ORDER OF BATTLE REPORTED IS CONFIRMED UNLESS OTHERWISE QUALIFIED AS PROBABLE (PROB) OR POSSIBLE (POSS).

RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF PHOTOGRAPHY IS ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERIS DATA. CONSEQUENTLY, FUTURE ANALYSIS MAY RESULT IN ADDITIONAL INFORMATION. MOREOVER, RECIPIENTS ARE CAUTIONED THAT THE IDENTIFICATION OF TARGETS IS BASED PRIMARILY ON PHOTOGRAPHY AND DOES NOT CONSTITUTE A FINISHED INTELLIGENCE JUDGMENT.

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

HIGHLIGHTS

MISSION HIGHLIGHTS

USSR

MISSILE ACTIVITY

25X1D

1. THREE OCCUPIED SA-3 SAM SITES WERE NEWLY IDENTIFIED IN THE NORTHERN AIR DEFENSE DISTRICT ON [REDACTED] ALL ARE NEAR THE COASTLINES OF THE RYBACHIIY AND SREDNIY PENINSULAS. THE PENINSULAS ARE APPROXIMATELY 20 NM EAST OF THE USSR-NORWAY BORDER. THE SITES HAVE BEEN DESIGNATED PECHENGA SAM SITES B04-3, B06-3, AND C05-3.

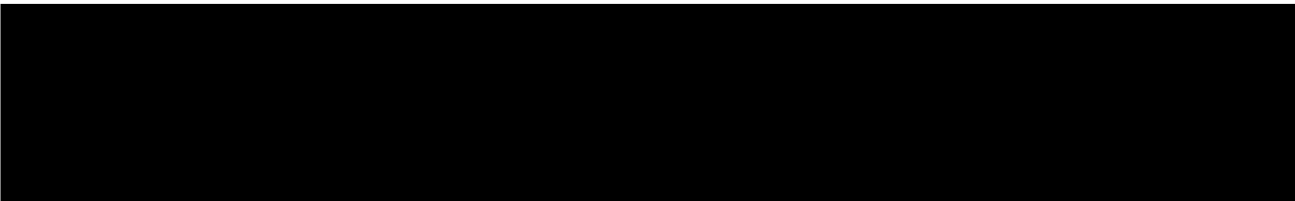
2. ONE PROBABLE TYPE IIIF LAUNCH SITE WAS NEWLY IDENTIFIED AT THE ZHANGIZ-TOBE ICBM COMPLEX. THE SITE IS WITHIN LAUNCH GROUP A. THREE POSSIBLE TYPE IIIF LAUNCH SITES WERE NEWLY IDENTIFIED AT THE KARTALY ICBM COMPLEX. ALL THREE SITES ARE WITHIN LAUNCH GROUP A.

ABM ACTIVITY

25X1D

25X1D. 3. RENEWED CONSTRUCTION ACTIVITY WAS OBSERVED ON [REDACTED] AT MOSCOW ABM LAUNCH COMPLEX E15, WHICH HAD BEEN DORMANT SINCE [REDACTED]. 25X1D

25X2



NAVAL ACTIVITY

5. THE FIRST OPERATIONAL DEPLOYMENT OF THE P-CLASS SSGN WAS OBSERVED AT LITSA GUBA SUBMARINE BASE SOUTH ON PHOTOGRAPHY OF [REDACTED] 25X1D

6. A Y SSBN WAS OBSERVED AT SEVERODVINSK SHIPYARD 402. PRODUCTION CYCLES INDICATE THAT THIS WAS PROBABLY THE TWENTIETH UNIT OF THIS CLASS. THE Y SSBN WAS IN THE FLOODED LAUNCH BASIN ON LAUNCH RAILS FROM BUILDINGWAY A.

CHINA

MISSILE ACTIVITY

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

HIGHLIGHTS

7. TWO OCCUPIED CS/1 (CHINESE VERSION OF THE SOVIET SA-2) SAM SITES WERE NEWLY IDENTIFIED IN SOUTH-CENTRAL CHINA, ONE 15.7 NM SOUTHEAST OF CHENG-TU AND THE OTHER 6 NM NORTHEAST OF HSIANG-YUN.

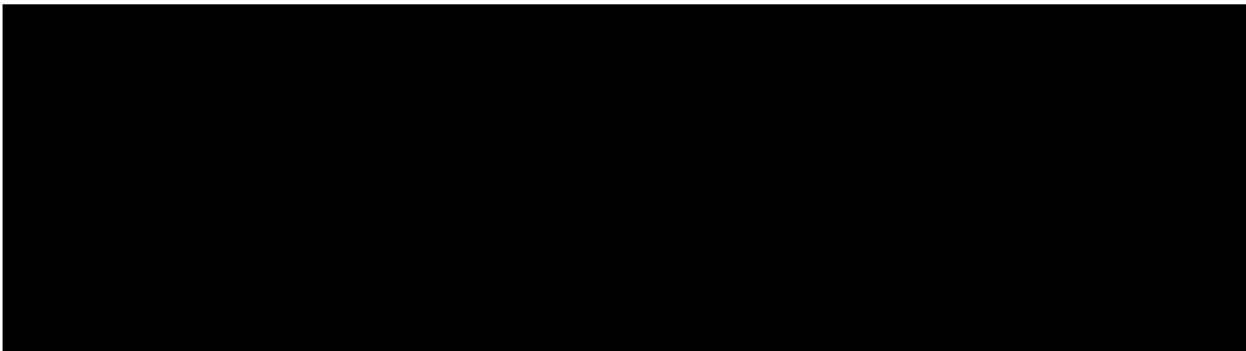
AIR ACTIVITY

8. FOUR AIRFIELDS UNDER CONSTRUCTION HAVE BEEN NEWLY IDENTIFIED IN EASTERN CHINA. THREE OF THE AIRFIELDS, WEN-SHUI, CHI-YUAN, AND WU-CHIA-CHI, [REDACTED] THE FOURTH AIRFIELD IS NEAR TAI-HO.

25X1B

9. TWENTY-SIX BEAGLE AIRCRAFT HAVE BEEN IDENTIFIED AT LEI-YANG AIRFIELD. THIS REPRESENTS THE HIGHEST NUMBER OF BEAGLE AIRCRAFT OBSERVED AT THIS AIRFIELD.

10. APPROXIMATELY 80 SMALL SWEEP-WING AIRCRAFT HAVE BEEN IDENTIFIED AT CHANG-SHA/TA-TO AIRFIELD, REPRESENTING THE HIGHEST COUNT OF FIGHTER AIRCRAFT AT THIS FIELD.



25X2

NAVAL ACTIVITY

12. THE FIFTH LUTA GUIDED MISSILE DESTROYER (DDGS) IN CHINA WAS PROBABLY UNDER CONSTRUCTION AT LU-TA SHIPYARD DAIREN. HULL SECTIONS FOR THE PROBABLE DDGS WERE ON BUILDINGWAY 1.

INDUSTRIAL ACTIVITY

13. A FABRICATION/ASSEMBLY AREA WAS NEWLY IDENTIFIED UNDER CONSTRUCTION AT THE PING-PA PROPULSION SYSTEM R+D CENTER, ADJACENT TO THE ONLY AIRCRAFT ENGINE RESEARCH AND DEVELOPMENT CENTER IN CHINA. THE AREA HAS BEEN DEVELOPED ENTIRELY SINCE [REDACTED] AND CONSISTS OF AT LEAST 42 BUILDINGS.

25X1D

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CONTROL SYSTEM ONLY

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

CHINA, COMMUNIST
MISSILE RANGES

SIGNIFICANT RESULTS

25X1D WU-CHAI SSM LAUNCH COMPLEX 25X1D
25X1D 25X1A
STATUS: UNDER CONSTRUCTION
REMARKS:
ALL COMPONENTS OF THE COMPLEX WERE OBSERVED. NO MISSILE
EXERCISES WERE OBSERVED. CONSTRUCTION CONTINUED AT LAUNCH SITE
2. FOUR PROBABLE PROPELLANT VEHICLES WERE OBSERVED AT LAUNCH
SITE 1. A MISSILE TRANSPORTER WAS PRESENT IN THE MISSILE
ASSEMBLY AND CHECKOUT AREA.
25X1D IMAGERY: 25X1A
25X1D YA-ERN-TANG IMPACT SEARCH 40-55-//N 088-52-//E 25X1A
25X1D 25X1A
STATUS: UNKNOWN
REMARKS:
NO EVIDENCE OF MISSILE IMPACT AREAS OR NEW MISSILE-RELATED
INSTRUMENTATION SITES WAS OBSERVED WITHIN 70 NM OF 25X1D
25X1D IMAGERY: 25X1D

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Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1
CONTROL SYSTEM ONLY

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

CHINA, COMMUNIST
AIR DEFENSE MISSILES

SIGNIFICANT RESULTS

25X1D CHENG-TU SAM SITE B13-1 25X1A 25X1A
[REDACTED]
STATUS: OCCUPIED
PHYSICAL DESCRIPTION:
15.7 NM SE OF CHENG-TU.
THE NEWLY IDENTIFIED CSA-1 (CHINESE VERSION OF THE SOVIET SA-2) SAM SITE CONSISTS OF SIX REVETTED LAUNCH POSITIONS AND AN UNRETTED CENTRAL GUIDANCE AREA. TWO MISSILE-HOLD BUILDINGS ARE ADJACENT TO THE PERIMETER ROAD. AT LEAST 20 BUILDINGS ARE IN TWO SUPPORT AREAS. A POSSIBLE ACQUISITION RADAR POSITION APPEARED OCCUPIED.
25X1D NO IDENTIFIABLE SITE WAS PRESENT ON [REDACTED]
25X1D MISSILE ORDER OF BATTLE:
[REDACTED]
4 POSS LAUNCHERS
1 PROB FAN SONG RADAR
1 MISSILE TRANSPORTER (CANVAS COVERED)
1 POSS MISSILE TRANSPORTER (CANVAS COVERED)
25X1D IMAGE DERIVED COORDINATES:
[REDACTED]
25X1D MAP SOURCE REFERENCE:
200-0495-7HL
25X1D [REDACTED]
25X1D HSIA-KUAN SAM SITE C10-1 25X1A 25X1D
[REDACTED]
STATUS: OCCUPIED
PHYSICAL DESCRIPTION:
6 NM NE OF HSIANG YUN.
THE NEWLY IDENTIFIED CSA-1 (CHINESE VERSION OF THE SOVIET SA-2) SAM SITE CONSISTS OF SIX UNRETTED LAUNCH POSITIONS AND AN UNRETTED CENTRAL GUIDANCE AREA. AT LEAST 16 BUILDINGS, NINE TENTS, AND NUMEROUS PIECES OF EQUIPMENT ARE IN A SUPPORT AREA IMMEDIATELY SOUTH OF THE SITE.

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CONTROL SYSTEM ONLY

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

CHINA, COMMUNIST
AIR DEFENSE MISSILES

25X1D

THE SITE WAS PRESENT ON [REDACTED] BUT COULD NOT BE
IDENTIFIED DUE TO BLURRED IMAGERY AT THE EXTREME EDGE OF THE
FRAME. THE SITE WAS NOT PRESENT ON [REDACTED]

25X1D

MISSILE ORDER OF BATTLE:

25X1D

6 LAUNCHERS

3 MISSILE TRANSPORTERS
(CANVAS COVERED)

1 PROB FAN SONG RADAR

10 VANS/TRUCKS IN CENTRAL
GUIDANCE AREA

25X1D

IMAGE DERIVED COORDINATES:
[REDACTED]

MAP SOURCE REFERENCE:
200-0555-20HL

25X1D

[REDACTED]

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Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1
CONTROL SYSTEM ONLY

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

CHINA, COMMUNIST
AIR BASE FACILITIES

SIGNIFICANT RESULTS

25X1D

AN-SHUN AIRFIELD

25X1D

25X1A

25X1A

STATUS: OPERATIONAL

REMARKS:

CONSTRUCTION WAS CONTINUING ON THE SUPPORT FACILITIES AND THE PROBABLE RADIO NAVIGATIONAL AID. A TOKEN-TYPE RADAR WAS AT THE RADAR FACILITY.

25X1D

AIR ORDER OF BATTLE:

2 PROB SMALL SWEEP-WING

25X1D

4 POSS SMALL AIRCRAFT

25X1D

ELECTRONIC ORDER OF BATTLE:

1 TOKEN-TYPE

25X1D

25X1D

25X1D

CHANG-SHA/TA-TO AIRFIELD

25X1A

STATUS: OPERATIONAL

25X1A

REMARKS:

THIS IS THE LARGEST NUMBER OF FIGHTER AIRCRAFT EVER OBSERVED AT THIS AIRFIELD.

25X1D

25X1D

AIR ORDER OF BATTLE:

80 SMALL SWEEP-WING
(APPROXIMATELY)

3 PROB COLT

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

CHINA, COMMUNIST
AIR BASE FACILITIES

25X1D

[REDACTED]

25X1D

25X1D CHENG-CHOU AIRFIELD
[REDACTED] NAC

[REDACTED]

STATUS: OPERATIONAL

25X1A

AIR ORDER OF BATTLE:

25X1D

3 CRATE
1 COLT

33 SMALL SWEEP-WING
3 POSS AIRCRAFT

25X1D

[REDACTED]

25X1D

25X1D CHENG-TU/PENG-SHAN AIRFIELD
[REDACTED] NAC

[REDACTED]

25X1A

STATUS: OPERATIONAL

25X1D AIR ORDER OF BATTLE:

13 SMALL SWEEP-WING
1 LIGHT STRAIGHT-WING

27 SMALL STRAIGHT-WING

25X1D

[REDACTED]

25X1D

25X1D CHIH-FENG AIRFIELD 2
[REDACTED] NAC

[REDACTED]

25X1A

STATUS: OPERATIONAL

25X1D AIR ORDER OF BATTLE:

8 PROB SMALL SWEEP-WING

25X1D

[REDACTED]

25X1D

25X1D CHI-YUAN AIRFIELD
[REDACTED]

25X1A

[REDACTED]

STATUS: UNDER CONSTRUCTION

PHYSICAL DESCRIPTION:

3.5 NM NE OF CHI-YUAN AND 34 NM NNE OF LO-YANG.

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Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1
CONTROL SYSTEM ONLY

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

CHINA, COMMUNIST
AIR BASE FACILITIES

THE NEWLY IDENTIFIED AIRFIELD WAS OBSERVED IN AN EARLY STAGE OF CONSTRUCTION. PRELIMINARY GRADING OF THE WSW/ENE RUNWAY AND

25X1B

CONSTRUCTION. NUMEROUS CONSTRUCTION CAMP BARRACKS/SUPPORT BUILDINGS WERE SCATTERED THROUGHOUT THE AREA.

THE AIRFIELD WAS NOT PRESENT ON 25X1D

25X1D

IMAGE DERIVED COORDINATES:

MAP SOURCE REFERENCE:
200-385-8

25X1D

25X1D

25X1D FU-CHOU/I-HSU AIRFIELD
NAC

STATUS: OPERATIONAL

25X1A

25X1D AIR ORDER OF BATTLE:

21 SMALL SWEEP-WING 2 POSS HELICOPTERS
1 LIGHT STRAIGHT-WING
6 SMALL STRAIGHT-WING (AT
LEAST)

25X1D

25X1D

25X1D FU-HSIEN AIRFIELD
NAC

STATUS: OPERATIONAL

25X1A

25X1D AIR ORDER OF BATTLE:

11 PROB BEAGLE 17 SMALL SWEEP-WING
3 PROB COLT

25X1D

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Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1
CONTROL SYSTEM ONLY

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

CHINA, COMMUNIST
AIR BASE FACILITIES

25X1D

25X1D HAI-KOU AIRFIELD
[REDACTED] NAC

STATUS: OPERATIONAL

25X1A

25X1D AIR ORDER OF BATTLE:
[REDACTED]
12 SMALL SWEEP-WING
15 PROB AIRCRAFT

3 HELICOPTERS

25X1D

[REDACTED]

25X1D

25X1D HAI-LA-ERH AIRFIELD SOUTHWEST
[REDACTED] NAC

STATUS: OPERATIONAL

25X1A

REMARKS:
THE RUNWAY HAD BEEN CLEARED OF SNOW.

25X1D AIR ORDER OF BATTLE:
[REDACTED]
20 PROB SMALL AIRCRAFT (AT
LEAST)

25X1D

[REDACTED]

25X1D

25X1D HAN-KOU/WANG-CHIA-TUN AIRFIELD
[REDACTED] NAC

STATUS: OPERATIONAL

25X1A

25X1D AIR ORDER OF BATTLE:
[REDACTED]
14 CRATE
6 CAB

11 COLT
6 HELICOPTERS

25X1D

[REDACTED]

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

CHINA, COMMUNIST
AIR BASE FACILITIES

25X1D HSIN-CHENG AIRFIELD
[REDACTED] NAC

25X1D

STATUS: OPERATIONAL

25X1A

AIR ORDER OF BATTLE:

33 SMALL SWEEP-WING

25X1D HSIN-CHIN AIRFIELD
[REDACTED] NAC

25X1D

STATUS: OPERATIONAL

25X1A

AIR ORDER OF BATTLE:

1 PROB COLT
18 SMALL SWEEP-WING (AT
LEAST)

25X1D HSI-AN/LIN-TUNG AIRFIELD
[REDACTED] NAC

25X1D

STATUS: OPERATIONAL

25X1A

AIR ORDER OF BATTLE:

14 PROB BEAGLE
22 PROB BAT

2 SMALL SWEEP-WING
7 SMALL STRAIGHT-WING

25X1D HUI-YANG AIRFIELD
[REDACTED] NAC

25X1D

STATUS: OPERATIONAL

25X1A

AIR ORDER OF BATTLE:

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Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1
CONTROL SYSTEM ONLY

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

CHINA, COMMUNIST
AIR BASE FACILITIES

29 SMALL SWEPT-WING
6 POSS SMALL SWEPT-WING (AT
LEAST)

25X1D

25X1D

KUEI-YANG/LEI-CHUANG AIRFIELD

25X1D

25X1A

STATUS: OPERATIONAL

25X1A

REMARKS:

25X1B

CONSTRUCTION WAS CONTINUING ON THE RUNWAY/TAXIWAY. THE SUPPORT

25X1D

AIR ORDER OF BATTLE:

14 BEAGLE

1 CAT/CUB

15 SMALL SWEPT-WING

25X1D

25X1D

25X1D

LAI-YANG AIRFIELD

NAC

STATUS: OPERATIONAL

25X1A

25X1A

25X1D

AIR ORDER OF BATTLE:

11 POSS BEAGLE

25X1D

25X1D

25X1D

LEI-YANG AIRFIELD

NAC

STATUS: OPERATIONAL

25X1A

REMARKS:

THIS IS THE LARGEST NUMBER OF BEAGLE AIRCRAFT EVER IDENTIFIED
AT THIS AIRFIELD.

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

CHINA, COMMUNIST
AIR BASE FACILITIES

25X1D

AIR ORDER OF BATTLE:

26 BEAGLE

11 SMALL SWEEP-WING

25X1D

25X1D

LIN-TAO AIRFIELD

25X1A

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

THERE WAS NO APPARENT CHANGE IN THE PROGRESS OF THE
CONSTRUCTION

25X1B

25X1D

AIR ORDER OF BATTLE:

44 SMALL SWEEP-WING

1 SMALL STRAIGHT-WING

25X1D

25X1D

25X1D

LU-TA/SAN-SHIH-LI-PU AIRFIELD

NAC

STATUS: OPERATIONAL

25X1A

25X1D

AIR ORDER OF BATTLE:

19 SMALL SWEEP-WING (AT
LEAST)

25X1D

25X1D

25X1D

MING-CHIANG AIRFIELD NORTH

NAC

STATUS: OPERATIONAL

25X1A

25X1D

AIR ORDER OF BATTLE:

12 BEAGLE

8 COLT

15 BAT

25X1D

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

CHINA, COMMUNIST
AIR BASE FACILITIES

PANG-FOU AIRFIELD

NAC

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

10 PROB AIRCRAFT (AT LEAST)

PING-YUAN-CHIEH AIRFIELD

STATUS: OPERATIONAL

REMARKS:

CONSTRUCTION WAS CONTINUING ON THE SUPPORT FACILITIES.

AIR ORDER OF BATTLE:

NONE DISCERNIBLE

SHAN-PO AIRFIELD

NAC

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

26 SMALL SWEEP-WING (AT
LEAST)

SSU-MAO AIRFIELD NORTH

STATUS: OPERATIONAL

HANDLE VIA TOP SECRET RUFF
Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1
CONTROL SYSTEM ONLY

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

CHINA, COMMUNIST
AIR BASE FACILITIES

REMARKS:
CONSTRUCTION MATERIAL REMAINED ON THE COMPLETED TAXIWAY AND TWO
PARKING APRONS. THE STATUS OF THE CONSTRUCTION OF THE SUPPORT
FACILITIES WAS UNDETERMINED DUE TO CLOUD COVER.

25X1D AIR ORDER OF BATTLE:
[REDACTED]
NONE DISCERNIBLE

25X1D [REDACTED] 25X1D

25X1D SUI-CHUNG AIRFIELD [REDACTED]
[REDACTED] NAC [REDACTED]
STATUS: OPERATIONAL 25X1A

25X1D AIR ORDER OF BATTLE:
[REDACTED]
13 SMALL AIRCRAFT

25X1D [REDACTED]

25X1D TAI-HO AIRFIELD 25X1A [REDACTED] 25X1D
[REDACTED]
STATUS: UNDER CONSTRUCTION

PHYSICAL DESCRIPTION:
9.2 NM NW OF TAI-HO.
THE NEWLY IDENTIFIED AIRFIELD WAS IN AN EARLY STAGE OF
CONSTRUCTION. GRADING AND SUBSURFACING WAS UNDERWAY ON THE
2,200 X 46-METER (7,220 X 150-FOOT) EAST/WEST RUNWAY AND THE
PARALLEL TAXIWAY. THE BASIC DRAINAGE SYSTEM APPEARED COMPLETE.
APPROXIMATELY 20 CONSTRUCTION SUPPORT BUILDINGS WERE ADJACENT
TO THE RUNWAY AND TAXIWAY. NO SUPPORT FACILITIES WERE
OBSERVED.

25X1D
THE AIRFIELD WAS NOT PRESENT ON [REDACTED]

25X1D IMAGE DERIVED COORDINATES:
[REDACTED]

MAP SOURCE REFERENCE:
200-0498-7HL

HANDLE VIA TOP SECRET RUFF
Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1
CONTROL SYSTEM ONLY

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

CHINA, COMMUNIST
AIR BASE FACILITIES

25X1D

[REDACTED]

25X1D

TANG-KUAN-TUN AIRFIELD

25X1D

[REDACTED]

NAC

[REDACTED]

STATUS: OPERATIONAL

25X1A

AIR ORDER OF BATTLE:

25X1D

[REDACTED]

37 POSS SMALL SWEPT-WING

25X1D

[REDACTED]

25X1D

TANG-SHAN AIRFIELD NORTHWEST

25X1D

[REDACTED]

NAC

[REDACTED]

STATUS: OPERATIONAL

25X1A

AIR ORDER OF BATTLE:

25X1D

[REDACTED]

2 PROB BEAGLE

1 PROB SMALL STRAIGHT-WING

33 PROB SMALL SWEPT-WING

25X1D

[REDACTED]

25X1D

TA-TSU AIRFIELD

25X1D

[REDACTED]

NAC

[REDACTED]

STATUS: OPERATIONAL

25X1A

AIR ORDER OF BATTLE:

25X1D

[REDACTED]

53 SMALL SWEPT-WING

2 PROB AIRCRAFT

25X1D

[REDACTED]

25X1D

TA-TUNG/CHING-SHUI-HO AIRFIELD

25X1D

[REDACTED]

NAC

[REDACTED]

STATUS: OPERATIONAL

25X1A

AIR ORDER OF BATTLE:

25X1D

[REDACTED]

37 PROB LIGHT STRAIGHT-WING

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

CHINA, COMMUNIST
AIR BASE FACILITIES

25X1D

[REDACTED]

25X1D

TUNG-HSIN-CHUANG AIRFIELD
25X1D [REDACTED] NAC

STATUS: OPERATIONAL

25X1A

AIR ORDER OF BATTLE:

25X1D

61 SMALL SWEEP-WING

2 LIGHT STRAIGHT-WING

25X1D

[REDACTED]

25X1D

TU-CHENG-TZU AIRFIELD
25X1D [REDACTED] NAC

STATUS: OPERATIONAL

25X1A

AIR ORDER OF BATTLE:

25X1D

10 BEAGLE

20 PROB SMALL SWEEP-WING

25X1D

[REDACTED]

25X1D

WEN-SHUI AIRFIELD
25X1D [REDACTED]

25X1A

STATUS: UNDER CONSTRUCTION

PHYSICAL DESCRIPTION:

25X1B

APPROXIMATELY 3.1 NM SW OF WEN-SHUI AND 39 NM SW OF TAI-YUAN.
THE NEWLY IDENTIFIED AIRFIELD WAS IN AN EARLY STAGE OF
CONSTRUCTION. PRELIMINARY GRADING FOR AN ENE/WSW RUNWAY WAS
UNDERWAY.

25X1B

NUMEROUS CONSTRUCTION BUILDINGS WERE AT THE
AIRFIELD SITE AND IN THE HILLS.

25X1D

NO ACTIVITY WAS OBSERVED AT THIS LOCATION ON [REDACTED]

IMAGE DERIVED COORDINATES:

25X1D

[REDACTED]

HANDLE VIA TOP SECRET RUFF
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CONTROL SYSTEM ONLY

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

CHINA, COMMUNIST
AIR BASE FACILITIES

MAP SOURCE REFERENCE:
200-0382-18

25X1D

[REDACTED]

25X1D

WEN-TENG AIRFIELD

25X1D

[REDACTED]

NAC

[REDACTED]

STATUS: OPERATIONAL

25X1A

25X1D

AIR ORDER OF BATTLE:

[REDACTED]

20 PROB SMALL AIRCRAFT (AT
LEAST)

25X1D

[REDACTED]

25X1D

WU-CHIA-CHI AIRFIELD

25X1A

25X1D

[REDACTED]

[REDACTED]

[REDACTED]

STATUS: UNDER CONSTRUCTION

PHYSICAL DESCRIPTION:

3.5 NM NORTH OF WU-CHIA-CHI AND 11 NM NE OF CHING-MEN.
THE NEWLY IDENTIFIED AIRFIELD WAS IN AN EARLY STAGE OF
CONSTRUCTION. GRADING AND SUBSURFACING OF THE 2,589 X 48-METER
(8,500 X 160-FOOT) NE/SW RUNWAY AND THE PARALLEL TAXIWAY WAS

25X1B

[REDACTED]

TAXIWAY, AND A POSSIBLE TAXIWAY/RUNWAY ALSO UNDER CONSTRUCTION.
APPROXIMATELY 200 CONSTRUCTION CAMP BARRACKS/SUPPORT BUILDINGS
WERE SCATTERED THROUGHOUT THE AREA.

25X1D

THE AIRFIELD WAS NOT PRESENT ON

[REDACTED]

IMAGE DERIVED COORDINATES:

25X1D

[REDACTED]

MAP SOURCE REFERENCE:
200-494-9

25X1D

[REDACTED]

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Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1
CONTROL SYSTEM ONLY

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

CHINA, COMMUNIST
AIR BASE FACILITIES

25X1D

25X1D WU-CHING AIRFIELD
[REDACTED] NAC

STATUS: OPERATIONAL

25X1A

25X1D AIR ORDER OF BATTLE:
[REDACTED]
51 PROB SMALL SWEEP-WING

25X1D [REDACTED]

OTHER RESULTS-NO APPARENT CHANGE

25X1D

25X1D CHIAO-HSIEN AIRFIELD
[REDACTED] NAC

STATUS: UNKNOWN

25X1A

25X1D AIR ORDER OF BATTLE:
[REDACTED]
NONE DISCERNIBLE

25X1D [REDACTED]

25X1D

25X1D HSI-NING AIRFIELD
[REDACTED] NAC

STATUS: OPERATIONAL

25X1A

25X1D AIR ORDER OF BATTLE:
[REDACTED]
NONE DISCERNIBLE

25X1D [REDACTED]

25X1D

25X1D KUEI-LIN/LI-CHIA-TSUN AIRFIELD
[REDACTED] NAC

STATUS: OPERATIONAL

25X1A

25X1D AIR ORDER OF BATTLE:
[REDACTED]

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

CHINA, COMMUNIST
AIR BASE FACILITIES

NONE DISCERNIBLE

25X1D

25X1D

25X1D LING-LING AIRFIELD
[REDACTED] NAC

STATUS: OPERATIONAL

25X1A

25X1D AIR ORDER OF BATTLE:
[REDACTED]

NONE DISCERNIBLE

25X1D

25X1D

25X1D LUNG-TIEN AIRFIELD
[REDACTED] NAC

STATUS: OPERATIONAL

25X1A

25X1D AIR ORDER OF BATTLE:
[REDACTED]

NONE DISCERNIBLE

25X1D

25X1D

25X1D LU-TA/CHENG-SHA-HO AIRFIELD
[REDACTED] NAC

STATUS: OPERATIONAL

25X1A

25X1D AIR ORDER OF BATTLE:
[REDACTED]

NONE DISCERNIBLE

25X1D

25X1D

25X1D LU-TA/CHOU-SHUI-TZU AIRFIELD
[REDACTED] NAC

STATUS: UNKNOWN

25X1A

25X1D AIR ORDER OF BATTLE:
[REDACTED]

Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1
25X1D

Next 1 Page(s) In Document Exempt

Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1

HANDLE VIA

TOP SECRET RUFF

Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1

CONTROL SYSTEM ONLY

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

CHINA, COMMUNIST
NAVAL BASE FACILITIES

SIGNIFICANT RESULTS

25X1D

HUANG-PU NAVAL BASE AND SHIPYARD

25X1D

STATUS: OPERATIONAL

25X1A

25X1A

REMARKS:

THE NEW CONSTRUCTION HALL APPEARED COMPLETE. FOUR POSSIBLE
SUBMARINE PRESSURE HULL SECTIONS WERE OBSERVED IN THE FLOATING
DRYDOCK MOORED TO THE NEW QUAY. THESE FOUR SECTIONS MEASURE

25X1D

NAVAL ORDER OF BATTLE:

25X1D

-- ON WAYS

1 PROB HAINAN PCE

2 POSS SHANGHAI PGM

25X1D

-- AT FITTING-OUT AREA

1 LST-1 LST

4 PROB SHANGHAI PGM

4 HAINAN PCE

SMALL CRAFT (SEVERAL)

2 T-43 AGS

25X1D

-- IN GRAVING DOCK

1 LST-1 LST

25X1D

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Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1
CONTROL SYSTEM ONLY

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

CHINA, COMMUNIST
GROUND FORCE FACILITIES

25X1D 25X1A

OTHER RESULTS-NO APPARENT CHANGE

25X1D HO-KOU ARMY BARRACKS NORTH
[REDACTED] NAC

STATUS:OCCUPIED

25X1D GROUND FORCE ORDER OF BATTLE:
[REDACTED]
NONE DISCERNIBLE

25X1D [REDACTED]

25X1D HSIA-KUAN HQ 42 INF DIV AND BKS AL 1
[REDACTED] NAC

STATUS:OCCUPIED

25X1D GROUND FORCE ORDER OF BATTLE:
[REDACTED]
NONE DISCERNIBLE

25X1D [REDACTED]

25X1D MAN-NAI ARMY BARRACKS AL 1
[REDACTED] NAC

STATUS:OCCUPIED

25X1D GROUND FORCE ORDER OF BATTLE:
[REDACTED]
NONE DISCERNIBLE

25X1D [REDACTED]

25X1D MENG-HAI ARMY BARRACKS SOUTH AL 1
[REDACTED] NAC

STATUS:OCCUPIED

25X1D GROUND FORCE ORDER OF BATTLE:
[REDACTED]

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

CHINA, COMMUNIST
GROUND FORCE FACILITIES

NONE DISCERNIBLE

25X1D

25X1A

25X1D

MENG-LA ARMY BARRACKS WEST AL 1
NAC

STATUS:OCCUPIED

25X1D

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1D

PU-ERH ARMY BARRACKS NORTH
NAC

STATUS:OCCUPIED

25X1D

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1D

SSU-MAO ARMY BARRACKS AL 1
NAC

STATUS:OCCUPIED

25X1D

GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1D

YUN-CHING-HUNG ARMY BARRACKS N NA-PAN
NAC

STATUS:OCCUPIED

25X1D

GROUND FORCE ORDER OF BATTLE:

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CONTROL SYSTEM ONLY

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

CHINA, COMMUNIST
GROUND FORCE FACILITIES

NONE DISCERNIBLE



25X1D

HANDLE VIA

TOP SECRET RUFF

Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1
CONTROL SYSTEM ONLY

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

CHINA, COMMUNIST
DEPLOYED TACTICAL SSM FACILITIES

SIGNIFICANT RESULTS

25X1D

25X1D

CHIN-HSI CM CD COMPLEX
[REDACTED] NAC

STATUS: UNKNOWN

25X1A

REMARKS:

ALL LAUNCH POSITIONS APPEARED UNOCCUPIED. ONE POSSIBLE
VEHICLE/PIECE OF EQUIPMENT WAS IN THE PROBABLE ACQUISITION
GUIDANCE RADAR POSITION.

ASSOCIATED OBJECTS:

25X1D

1 POSS VEHICLE/PIECE OF
EQUIP

25X1D

25X1D

25X1D

YEN-TAI CRUISE MISSILE LAUNCH SITE
[REDACTED] NAC

STATUS: OCCUPIED

25X1A

REMARKS:

BOTH LAUNCH POSITIONS WERE OCCUPIED. ONE LAUNCH POSITION
CONTAINED A LAUNCHER AND A TRANSPORTER. THE OTHER LAUNCH
POSITION CONTAINED A PROBABLE LAUNCHER. THE ALTERNATE LAUNCH
POSITIONS WERE UNOCCUPIED. THE GUIDANCE AREA WAS OCCUPIED BY A
PROBABLE VAN TRAILER. THE VEHICLE PARK IN THE SUPPORT AREA
CONTAINED A PROBABLE LAUNCHER. THREE CRATES WERE NEAR THE
DRIVE-THROUGH BUILDING ADJACENT TO THE SUPPORT AREA.

MISSILE ORDER OF BATTLE:

25X1D

1 LAUNCHER
2 PROB LAUNCHERS

1 TRANSPORTER
1 PROB VAN TRAILER

ASSOCIATED OBJECTS:

25X1D

3 CRATES

25X1D

HANDLE VIA TOP SECRET RUFF
TALENT-KEYHOLE
Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1
CONTROL SYSTEM ONLY

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

CHINA, COMMUNIST
DEPLOYED TACTICAL SSM FACILITIES

OTHER RESULTS-NO APPARENT CHANGE

25X1D

25X1D

LU-TA CRUISE MISSILE LAUNCH SITE
[REDACTED] NAC

STATUS:UNOCCUPIED

25X1D

YEN-TAI CD SITE 2 CM TSR
[REDACTED] NAC

25X1D

STATUS:UNOCCUPIED

25X1A

25X1D

25X2 Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1

Next 3 Page(s) In Document Exempt

Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

CHINA, COMMUNIST
INDUSTRY

SIGNIFICANT RESULTS

25X1D

25X1D CHENG-TU AIRFRAME PLT 132
[REDACTED] NAC [REDACTED]

STATUS: OPERATIONAL

25X1A

25X1D ASSOCIATED OBJECTS:

[REDACTED] -- AT THE AIRFIELD
10 FISHBED

47 PROB FAGOT/FRESCO

25X1D

25X1D HSI-AN AIRFRAME PLT YEN-LIANG 172
[REDACTED] [REDACTED]

STATUS: OPERATIONAL

25X1A

25X1A

REMARKS:

25X1D

25X1A

A TOTAL OF 32 BADGER WERE IDENTIFIED IN CHINA ON [REDACTED] --
SIX AT HSI-AN AIRFRAME PLANT YEN-LIANG 172 AND 26 AT WU-KUNG
AIRFIELD [REDACTED] THIS IS THE LARGEST NUMBER OF BADGER
IDENTIFIED IN CHINA TO DATE. HSIAN-A, THE NEW CHINESE
DELTA-WING AIRCRAFT, WAS NOT OBSERVED AT THE AIRFRAME PLANT.

ASSOCIATED OBJECTS:

25X1D [REDACTED] -- AT THE PLANT

6 BADGER	1 COKE
1 BEAGLE	1 CAB
2 PROB FISHBED	2 PROB COLT
6 POSS FARMER	1 MAX
5 POSS FAGOT/FRESCO	1 HOUND

25X1D

25X1D HSU-CHOU/TA-KOU-CHUANG AIRFIELD
[REDACTED] [REDACTED]

STATUS: OPERATIONAL

25X1A

25X1A

REMARKS:

25X1D

THE PREVIOUSLY REPORTED [REDACTED] CONSTRUCTION
ACTIVITY APPEARED TO BE CONTINUING.

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

CHINA, COMMUNIST
INDUSTRY

- 25X1D AIR ORDER OF BATTLE;
58 SMALL AIRCRAFT (AT
LEAST)

25X1D

25X1D

25X1D LU-TA SHIPYARD DAIREN

STATUS: OPERATIONAL

25X1A

25X1A

REMARKS:

HULL SECTIONS FOR CONSTRUCTION OF A PROBABLE FIFTH LUTA DDGS (THE THIRD AT DAIREN) WERE OBSERVED ON BUILDINGWAY 1. NO ARMAMENT OR MISSILE LAUNCHERS WERE DISCERNIBLE ON THE SECOND LUTA DDGS FITTING-OUT IN GRAVING DOCK 1. IN GRAVING DOCK 2, TWO LARGE LIGHT-COLORED OBJECTS WERE ON THE PROBABLE GORDYY DD WHERE MISSILE LAUNCHERS WERE INSTALLED ON THE FIRST CONVERTED GORDYY DDGS. A LARGE POSSIBLE TANKER/CARGO VESSEL WAS UNDER CONSTRUCTION ON BUILDINGWAY 3. PLATING OBSERVED ON BUILDINGWAY 2 MAY BE INTENDED FOR THIS VESSEL OR FOR A NEW CONSTRUCTION PROGRAM.

25X1D

NAVAL ORDER OF BATTLE:

2 LUTA DDGS (1 AT MOLE, 1 IN GRAVING DOCK 1)	2 POSS SHANGHAI PGM (AT FOOT OF BUILDINGWAY 3)
1 PROB LUTA DDGS (UNDER CONSTRUCTION ON WAY 1)	4 LARGE POL BARGES (NEW)
2 PROB GORDYY DD (1 AT MOLE, 1 IN GRAVING DOCK 2)	1 POSS TANKER/CARGO VESSEL (LARGE) (UCON ON WAY 3)
	SMALL CRAFT (NUMEROUS)

25X1D

25X1D

PING-PA PROPULSION SYSTEM R+D CENTER

25X1D

STATUS: OPERATIONAL

25X1A

25X1A

REMARKS:

A LARGE NEW FABRICATION/ASSEMBLY AREA WAS OBSERVED UNDER CONSTRUCTION AT PING-PA PROPULSION SYSTEM R+D CENTER ON THIS NEW AREA IS LOCATED IMMEDIATELY SE OF THE CENTER, ALTHOUGH IT IS NOT DIRECTLY CONNECTED BY ROAD TO THE CENTER. THE AREA, WHICH IS COMPLETELY NEW SINCE

25X1D

25X1D

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Talent-Keyhole
CONTROL SYSTEM ONLY

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

CHINA, COMMUNIST
INDUSTRY

CONTAINS ONE LARGE FABRICATION BUILDING, FIVE MEDIUM
FABRICATION BUILDINGS, AT LEAST 25 SMALL SUPPORT BUILDINGS, AND
AT LEAST 11 BUILDINGS UNDER CONSTRUCTION.

(SEE ATTACHMENT)

[REDACTED]

25X1D

WU-KUNG AFLD

25X1A

25X1D

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

25X1D

25X1A

A TOTAL OF 32 BADGER WERE IDENTIFIED IN CHINA ON [REDACTED] --
26 AT WU-KUNG AIRFIELD AND SIX AT HSI-AN AIRFRAME PLANT
YEN-LIANG 172 [REDACTED] THIS IS THE LARGEST NUMBER OF
BADGER IDENTIFIED IN CHINA TO DATE.

THE ALERT/RUNUP APRONS AT THE ENDS OF THE RUNWAY HAVE BEEN
ENLARGED, PROBABLY TO FURTHER ACCOMMODATE ADDITIONAL BADGER. THE
RUNWAY HAS BEEN EXTENDED [REDACTED] ON BOTH ENDS 25X1D
AND NOW IS [REDACTED] A 25X1D
PARKING HARDSTAND AT THE SW CORNER OF THE AIRFIELD HAS BEEN
INCLUDED IN THE ENLARGED ALERT/RUNUP APRON. UNIDENTIFIED
CONSTRUCTION ACTIVITY WAS OBSERVED IN THE SW CORNER OF THE
ADJACENT AIRCRAFT REPAIR FACILITY.

25X1D

ASSOCIATED OBJECTS:

[REDACTED] -- AT THE AIRFIELD

26 BADGER

9 BULL

6 BEAGLE

1 SMALL STRAIGHT-WING

[REDACTED]

25X1D

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Talent-Keyhole Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1
CONTROL SYSTEM ONLY

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

CHINA, COMMUNIST
MISCELLANEOUS

SIGNIFICANT RESULTS

25X1D

CHENG-CHOU STRONGPOINT 1
NAC

25X1D

STATUS:UNKNOWN

25X1A

REMARKS:

CONSTRUCTION ACTIVITY APPEARED TO HAVE CEASED. NO APPARENT
CHANGE WAS OBSERVED. A MODERATE AMOUNT OF MATERIAL WAS
OBSERVED IN OPEN STORAGE.

25X1D

25X1D

CHENG-CHOU STRONGPOINT 2

25X1A

25X1D

STATUS:UNKNOWN

25X1A

REMARKS:

NO CONSTRUCTION ACTIVITY WAS OBSERVED. A MODERATE AMOUNT OF
MATERIAL WAS OBSERVED IN OPEN STORAGE.

25X1D

25X1D

PEI-CHING STRONGPOINT 2
NAC

25X1D

STATUS:UNKNOWN

25X1A

REMARKS:

NO CHANGE TO THE INSTALLATION WAS OBSERVED. NO EVIDENCE THAT
WOULD TEND TO CONFIRM OR NEGATE MISSILE ASSOCIATION WAS
OBSERVED.

25X1D

25X1D

TIEN-CHING STRONGPOINT 1
NAC

25X1D

STATUS:UNKNOWN

25X1A

REMARKS:

WORK HAS APPARENTLY CEASED. NO CHANGE WAS OBSERVED. THE

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CONTROL SYSTEM ONLY

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

CHINA, COMMUNIST
MISCELLANEOUS

FUNCTION OF THE FACILITY CANNOT BE DETERMINED AT THIS TIME.

25X1D

25X1D 25X1A

TIEN-CHING STRONGPOINT 2

25X1D

STATUS: UNKNOWN

REMARKS:

CONSTRUCTION WAS CONTINUING AT A SLOW PACE. THE MOUNDING
APPEARED ALMOST COMPLETE. THE MOAT WAS 80 PERCENT COMPLETE.
THE FUNCTION OF THE FACILITY CANNOT BE DETERMINED AT THIS TIME.

25X1D

25X1D

TIEN-CHING STRONGPOINT 3

25X1D

25X1A

STATUS: UNKNOWN

REMARKS:

CONSTRUCTION HAS APPARENTLY CEASED. NO CHANGE WAS OBSERVED.
NO MISSILES OR MISSILE-RELATED EQUIPMENT WAS OBSERVED.

25X1D

HANDLE VIA TOP SECRET RUFF
Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1
CONTROL SYSTEM ONLY

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

UNITED ARAB REPUBLIC
AIR BASE FACILITIES

OTHER RESULTS-NO APPARENT CHANGE
25X1A

25X1D

25X1D RAS BANAS AIRFIELD
[REDACTED] NAC

STATUS: OPERATIONAL

25X1D AIR ORDER OF BATTLE:
[REDACTED]

NONE DISCERNIBLE

[REDACTED] 25X1D

HANDLE VIA TOP SECRET RUFF
Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1
TALENT KEYHOLE
CONTROL SYSTEM ONLY

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

UNITED ARAB REPUBLIC
NAVAL BASE FACILITIES

SIGNIFICANT RESULTS

25X1D

25X1D MINA BARANIS PORT FACILITIES

NAC

STATUS: OPERATIONAL

25X1A

25X1D NAVAL ORDER OF BATTLE:

1 PROB LCU

1 PROB TANKER

25X1D

HANDLE VIA TALENT-KEYHOLE CONTROL SYSTEM ONLY
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TOP SECRET RUFF

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

SIGNIFICANT RESULTS

25X1D AKHTYRKA MRBM COMPLEX
[REDACTED] NAC

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

PORTIONS OF LAUNCH SITE 2 AND THE COMMUNICATIONS FACILITY WERE OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED.

25X1D ALEYSK ICBM COMPLEX
[REDACTED]

25X1A

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

FOURTEEN OF THE 30 KNOWN SS-9 LAUNCH SITES WERE OBSERVED. FOUR OF THE LAUNCH SITES COULD BE IDENTIFIED ONLY. THE COMPLEX SUPPORT FACILITIES AND THE RAIL-TO-ROAD TRANSFER POINT WERE ALSO OBSERVED. NO NEW MISSILE-RELATED ACTIVITY WAS OBSERVED.

25X1D BALTA MRBM COMPLEX
[REDACTED]

25X1D

STATUS: UNKNOWN

25X1A

REMARKS:

PART OF LAUNCH SITE 2 WAS OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED.

25X1D DOMBAROVSKIY ICBM COMPLEX
[REDACTED]

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

TWENTY-FOUR OF THE 65 KNOWN SS-9 LAUNCH SITES AT THIS COMPLEX

Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1
TOP SECRET RUFF
TALENT-KEYHOLE
CONTROL SYSTEM ONLY

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CONTROL SYSTEM ONLY

TCS-20137/71 - IPIR 1 SOVIET UNION
KH-4 MISSION 1114-1 DEPLOYED STRATEGIC SSM FACILITIES

WERE OBSERVED. TWENTY OF THESE COULD BE IDENTIFIED ONLY. NO
NEW MISSILE-RELATED ACTIVITY WAS NOTED.

25X1D

25X1D

DROVYANAYA ICBM COMPLEX

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

NINETEEN OF THE 50 KNOWN SS-11 LAUNCH SITES AT THIS COMPLEX AND
THE ALTERNATE COMMAND AND CONTROL FACILITY WERE OBSERVED. NO
MISSILE-RELATED ACTIVITY WAS NOTED.

25X1D

25X1D

GLADKAYA ICBM COMPLEX

25X1D

25X1A

STATUS: OPERATIONAL

REMARKS:

THREE SS-7 LAUNCH SITES AND 54 OF THE 60 KNOWN SS-11 LAUNCH
SITES WERE OBSERVED. OF THESE, TWO SS-7 LAUNCH SITES AND 50
SS-11 LAUNCH SITES WERE IDENTIFIABLE ONLY. THE HEADQUARTERS
COMMAND AND CONTROL FACILITY, THE COMPLEX SUPPORT FACILITIES,
AND THE RAIL-TO-ROAD TRANSFER POINT ALSO WERE IDENTIFIABLE
ONLY. NO NEW MISSILE ACTIVITY WAS OBSERVED.

25X1D

25X1D

GRANOV IRBM COMPLEX

25X1D

STATUS: UNKNOWN

25X1A

REMARKS:

ONLY LAUNCH SITE 1 AND THE COMMUNICATIONS SITE WERE
IDENTIFIABLE. NO SILO CONSTRUCTION WAS OBSERVED IN THE VISIBLE
PORTION OF THE SEARCH AREA.

HANDLE VIA TOP SECRET RUFF
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CONTROL SYSTEM ONLY

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

25X1D

[REDACTED]

25X1D

IMENI GASTELLO ICBM COMPLEX

[REDACTED]

25X1D

[REDACTED]

25X1A

STATUS: OPERATIONAL

REMARKS:

FIFTY OF THE 54 KNOWN SS-9 LAUNCH SITES, THREE IIIF LAUNCH SITES, THE COMPLEX SUPPORT FACILITIES, AND THE RAIL-TO-ROAD TRANSFER POINT WERE OBSERVED. THIS TOTAL INCLUDES THE SUSPECT SITE (59), WHICH IS NOW CONFIRMED AS A VALID IIIF LAUNCH SITE. TWO OF THE OBSERVED SS-9 SITES (54 AND 55) WERE IN THE I GROUP. NO ACTIVITY OR TRACKS IN THE SNOW WERE OBSERVED AT EITHER SITE.

25X1D

[REDACTED]

25X1D

ITATKA ICBM COMPLEX

[REDACTED]

25X1D

[REDACTED]

25X1A

STATUS: OPERATIONAL

REMARKS:

ALL KNOWN COMPONENTS OF THE COMPLEX WERE OBSERVED. NO NEW MISSILE ACTIVITY WAS NOTED.

25X1D

[REDACTED]

25X1D

KARTALY ICBM COMPLEX

[REDACTED]

25X1D

[REDACTED]

25X1A

STATUS: OPERATIONAL

REMARKS:

ALL OF THE 42 KNOWN SS-9 LAUNCH SITES, THE COMPLEX SUPPORT FACILITIES, AND THE RAIL-TO-ROAD TRANSFER POINT WERE OBSERVED.

THREE POSSIBLE TYPE IIIF LAUNCH SITES AND A SUSPECT AREA WERE NEWLY IDENTIFIED. THE THREE POSSIBLE SITES, DESIGNATED

Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1

TOP SECRET RUFF

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TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

25X1D POSSIBLE LAUNCH SITE 54 AT 52-56N 060-19E, POSSIBLE LAUNCH SITE
25X1D 55 AT 52-58N 060-21E, POSSIBLE LAUNCH SITE 56 AT 52-57N
060-27E, AND THE SUSPECT AREA AT 53-02N 060-16E, WERE NOT 25X1D
PRESENT ON [REDACTED] THEY WERE FIRST SEEN ON [REDACTED]
[REDACTED] NO SILO OR SILO EXCAVATION COULD BY IDENTIFIED. EACH OF
THE THREE POSSIBLE SITES HAS A CONSTRUCTION SUPPORT AREA. THE
SUSPECT AREA CONSISTS ONLY OF A CLEARED AND POSSIBLY GRADED
AREA.

CONSTRUCTION ACTIVITY WAS OBSERVED AT THE SIX SS-9 SITES UNDER
CONSTRUCTION IN THE G GROUP.

25X1D PHOTOGRAPHIC REFERENCES FOR THE NEW SITES --
POSS LS 54 -- [REDACTED]
POSS LS 55 -- [REDACTED]
POSS LS 56 -- [REDACTED]
SUSPECT AREA [REDACTED]

25X1D [REDACTED]

25X1D KONKOVICHI MRBM COMPLEX 25X1A [REDACTED] 25X1D [REDACTED]
[REDACTED] 25X1A
STATUS: UNKNOWN 25X1A

REMARKS:
THE COMPLEX WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS
OBSERVED IN THE VISIBLE PORTION OF THE SEARCH AREA.

25X1D [REDACTED]

25X1D KOSTROMA ICBM COMPLEX 25X1A [REDACTED] 25X1D [REDACTED]
[REDACTED] 25X1A
STATUS: OPERATIONAL 25X1A

REMARKS:
SEVEN SS-7 LAUNCH SITES, 70 OF THE 90 KNOWN SS-11 LAUNCH SITES,
THE COMPLEX SUPPORT FACILITIES, AND THE RAIL-TO-ROAD TRANSFER
POINT WERE OBSERVED. NO NEW MISSILE-RELATED ACTIVITY WAS
OBSERVED.

25X1D [REDACTED]

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CONTROL SYSTEM ONLY

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

25X1D KOZELSK ICBM COMPLEX

25X1A

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

FIVE SS-8 LAUNCH SITES, 103 SS-11 LAUNCH SITES (14 OF WHICH WERE IDENTIFIABLE ONLY), THE RAIL-TO-ROAD TRANSFER POINT, AND THE COMPLEX SUPPORT FACILITIES WERE OBSERVED. NO NEW MISSILE-RELATED ACTIVITY WAS OBSERVED.

25X1D

25X1D KOZHANOVICHI MRBM COMPLEX

25X1A

25X1D

STATUS: UNKNOWN

25X1A

REMARKS:

THE COMPLEX WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED IN THE VISIBLE PORTION OF THE SEARCH AREA.

25X1D

25X2

HANDLE VIA TALENT-KEYHOLE TOP SECRET RUFF
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TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

KROLEVETS IRBM COMPLEX
[REDACTED] NAC

25X1D

25X1D STATUS: OPERATIONAL

25X1A

REMARKS:
PORTIONS OF LAUNCH SITES 1 AND 2 AND THE COMMUNICATIONS
FACILITY WERE OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED.

25X1D

KURGANCHA MRBM COMPLEX
[REDACTED]

25X1D

25X1D STATUS: UNKNOWN

25X1A

25X1A

REMARKS:
ONLY THE RAIL-TO-ROAD TRANSFER POINT WAS VISIBLE. NO SILO
CONSTRUCTION WAS OBSERVED IN THE VISIBLE PORTION OF THE SEARCH
AREA.

25X1D

LEBEDIN IRBM COMPLEX
[REDACTED] NAC

25X1D

25X1D STATUS: OPERATIONAL

25X1A

REMARKS:
PORTIONS OF LAUNCH SITES 1, 2, AND 3 WERE OBSERVED. A POSSIBLE
MISSILE ON A TRANSPORTER WAS IN FRONT OF THE EAST-CENTRAL
CONTROL BUILDING AT LAUNCH SITE 2. NO SILO CONSTRUCTION WAS
OBSERVED.

25X1D

NOVOSIBIRSK ICBM COMPLEX
[REDACTED]

25X1D

25X1D STATUS: UNKNOWN

25X1A

25X1A

REMARKS:
THE COMPLEX WAS NOT COVERED. NO NEW MISSILE ACTIVITY WAS

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CONTROL SYSTEM ONLY

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

OBSERVED.

25X1D

25X1D

25X1D

NOVOSYSOYEVKA IRBM COMPLEX

25X1A

STATUS:UNKNOWN

REMARKS:

THE COMPLEX WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS
OBSERVED IN THE VISIBLE PORTION OF THE SEARCH AREA.

25X1D

25X1D

OLOVYANNAYA ICBM COMPLEX

25X1D

25X1A

STATUS:OPERATIONAL

REMARKS:

TWENTY-ONE OF THE 90 KNOWN SS-11 LAUNCH SITES AT THIS COMPLEX
WERE OBSERVED. NO NEW MISSILE ACTIVITY WAS NOTED.

25X1D

25X1D

PERM ICBM COMPLEX

25X1D

25X1A

STATUS:OPERATIONAL

REMARKS:

TWENTY-NINE OF THE 80 KNOWN SS-11 LAUNCH SITES AND THE
ALTERNATE COMMAND AND CONTROL FACILITY WERE OBSERVED. EIGHT OF
THE 29 LAUNCH SITES WERE IDENTIFIABLE ONLY. NO NEW MISSILE
ACTIVITY WAS OBSERVED.

25X1D

25X1D

PERVOMAYSK IRBM COMPLEX

25X1D

25X1A

STATUS:OPERATIONAL

Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1

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Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1
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TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

REMARKS:

THIRTY OF THE 60 KNOWN TYPE IIID LAUNCH SITES, THE RAIL-TO-ROAD TRANSFER POINT, THE SUPPORT FACILITY, AND IRBM LAUNCH SITE 2 WERE PARTIALLY OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED.

25X1D

25X1D

SHADRINSK ICBM COMPLEX

25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

ALL COMPONENTS OF THE COMPLEX WERE OBSERVED. NO MISSILE ACTIVITY WAS OBSERVED.

25X1D

25X1D

SUCHAN MRBM COMPLEX

25X1D

NAC

STATUS: NOT OPERATIONAL

25X1A

REMARKS:

ALL ELEMENTS OF THE COMPLEX EXCEPT NOVITSKOYE (SUCHAN 1) SUPPORT FACILITY WERE OBSERVED. VEHICLE TRACKS WERE VISIBLE THROUGHOUT LAUNCH SITE 2. NO MISSILE-RELATED EQUIPMENT WAS VISIBLE IN THE COMPLEX. NO SILO CONSTRUCTION WAS OBSERVED.

25X1D

25X1D

TAYBOLA IRBM COMPLEX

25X1D

NAC

STATUS: OPERATIONAL

25X1A

REMARKS:

ALL ELEMENTS OF THE COMPLEX WERE OBSERVED. PROBABLE PROPELLANT TRANSPORTERS WERE VISIBLE FOR THE FIRST TIME IN THE NEW PROPELLANT STORAGE AREA. AT LEAST FIVE MISSILE TRANSPORTERS WERE OBSERVED IN LAUNCH SITE 1. AT LEAST FOUR MISSILE TRANSPORTERS WERE AT LAUNCH SITE 2 AND A PROBABLE SILO LOADER WAS NEAR ONE OF THE SILOS. NO EQUIPMENT WAS OBSERVED AT THE RAIL-TO-ROAD TRANSFER POINT. NO SILO CONSTRUCTION WAS OBSERVED.

Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1
TALANT KEYHOLE

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Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1
CONTROL SYSTEM ONLY

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

25X1D

[REDACTED]

25X1D

25X1D

TEYKOVO ICBM COMPLEX

[REDACTED]

[REDACTED]

STATUS: OPERATIONAL

25X1A

REMARKS:

EIGHT OF THE 80 KNOWN SS-11 LAUNCH SITES WERE OBSERVED. THREE OF THE EIGHT WERE IDENTIFIED ONLY. NO NEW MISSILE ACTIVITY WAS OBSERVED.

25X1D

[REDACTED]

25X1D

25X1D

UZHUR ICBM COMPLEX

[REDACTED]

[REDACTED]

STATUS: OPERATIONAL

25X1A

REMARKS:

FORTY-ONE OF THE 60 KNOWN SS-9 LAUNCH SITES AT THIS COMPLEX WERE OBSERVED. THIRTEEN OF THESE WERE IDENTIFIED ONLY. NO NEW MISSILE ACTIVITY WAS NOTED.

25X1D

[REDACTED]

[REDACTED]

25X2

HANDLE VIA TOP SECRET RUFF
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TALENT KEYHOLE
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TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

SOVIET UNION
DEPLOYED STRATEGIC SSM FACILITIES

25X1D YEDROVO ICBM COMPLEX 25X1D
25X1D
STATUS: OPERATIONAL 25X1A
REMARKS:
ALL KNOWN COMPONENTS OF THE COMPLEX WERE OBSERVED. NO NEW
MISSILE-RELATED ACTIVITY WAS NOTED.

25X1D
25X1D YURYA ICBM COMPLEX 25X1D
25X1D
STATUS: OPERATIONAL 25X1A
REMARKS:
ALL KNOWN COMPONENTS OF THE COMPLEX WERE OBSERVED. NO NEW
MISSILE ACTIVITY WAS NOTED.

25X1D
25X1D ZHANGIZ-TOBE ICBM COMPLEX 25X1D
25X1D
STATUS: OPERATIONAL 25X1A
REMARKS:
THIRTY OF THE 54 KNOWN SS-9 LAUNCH SITES WERE OBSERVED. FOUR
SS-9 LAUNCH SITES, THE COMPLEX SUPPORT FACILITIES, AND THE
RAIL-TO-ROAD TRANSFER POINT WERE IDENTIFIED ONLY.

25X1D ONE PROBABLE TYPE IIIF LAUNCH SITE IN AN EARLY STAGE OF
25X1D CONSTRUCTION AT [REDACTED] AND A SUSPECT AREA AT
[REDACTED] WERE NEWLY IDENTIFIED. THE PROBABLE
25X1D LAUNCH SITE (DESIGNATED 57) AND THE SUSPECT AREA WERE NOT
25X1D PRESENT ON [REDACTED]. THEY WERE FIRST SEEN
ON [REDACTED]. NO APPARENT CHANGE HAS
25X1D OCCURRED SINCE [REDACTED] IN THE CONSTRUCTION STATUS OF THE
THREE LAUNCH SITES (52I, 54I, AND 55I) OBSERVED IN LAUNCH GROUP
I. THE SUSPECT AREA IDENTIFIED IN [REDACTED] AT [REDACTED] 25X1D
25X1D [REDACTED] WAS IDENTIFIED ONLY. NO OTHER MISSILE ACTIVITY WAS
OBSERVED. 25X1D

Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1
25X1D

Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1

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Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1
TALENT-KEYHOLE
CONTROL SYSTEM ONLY

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

SOVIET UNION
MISSILE RANGES

SIGNIFICANT RESULTS

25X1D NENOKSA MISSILE TEST CENTER 25X1D
25X1D [REDACTED] NAC [REDACTED]
STATUS: OPERATIONAL 25X1A

REMARKS:
ALL COMPONENTS OF THE TEST CENTER WERE OBSERVED. NO MISSILES
OR SIGNIFICANT MISSILE-RELATED ACTIVITY WERE OBSERVED.

25X1D [REDACTED]

25X1D SARY-SHAGAN MISSILE TEST CENTER 25X1D
25X1D [REDACTED] [REDACTED]
STATUS: OPERATIONAL 25X1A

REMARKS:
THE ENTIRE MISSILE TEST CENTER, EXCEPT FOR THE ASAT/SPACE
TRACKING RADAR FACILITY AND SAM SITE E06-2, WAS COVERED ON
STEREO PHOTOGRAPHY OF FAIR INTERPRETABILITY.

AN AREA OF NEW CONSTRUCTION WAS OBSERVED APPROXIMATELY 8 NM
WEST OF THE LAUNCH COMPLEX C LAUNCH AREA. GROUND SCARRING
INDICATED THAT AN AREA OF APPROXIMATELY 6.5 ACRES WAS BEING
FENCED ALONG FIVE SIDES. SEVERAL OBJECTS WERE WITHIN THE AREA,
BUT THE EXCEPTIONALLY SMALL SCALE OF THE PHOTOGRAPHY PRECLUDED
IDENTIFICATION.

25X1D [REDACTED] 25X1D

A POSSIBLE GALOSH MISSILE CANISTER, LIGHT IN TONE AND MEASURING
APPROXIMATELY 19.6 X 3.1 METERS (64 X 10 FEET), WAS OBSERVED ON
THE ROAD NEAR LAUNCH POSITION C1 AT LAUNCH COMPLEX B. A
LIGHT-TONED GALOSH MISSILE CANISTER HAS BEEN SEEN ON SEVERAL
PREVIOUS MISSIONS AT OR NEAR THIS LAUNCH POSITION.

AT LAUNCH COMPLEX F, A LAUNCHER HAS PROBABLY BEEN INSTALLED AT

Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1
51
TOP SECRET RUFF
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Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1
CONTROL SYSTEM ONLY

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

SOVIET UNION
MISSILE RANGES

LAUNCH POSITION 2C, LAUNCH SITE 2. NO GALOSH/GALOSH-TYPE
MISSILE CANISTERS WERE OBSERVED AT LAUNCH COMPLEX F.

NO SIGNIFICANT CHANGES WERE OBSERVED AT LAUNCH COMPLEXES A, C,
OR D.

25X1D BY [REDACTED], A FRAMEWORK HAD BEEN PLACED 25X1D
AROUND THE [REDACTED] PANEL WHICH WAS
25X1D PLACED AS A SEPARATE SECTION ON THE NORTHERN PLANAR ARRAY (ONE
OF THE TWO ANTENNAS COMPRISING THE TOP ROOST) AT R+D RADAR
FACILITY 2. ON [REDACTED] THIS FRAMED PORTION OF THE
NORTHERN PLANAR ARRAY HAD BEEN COVERED WITH A DARK-TONED
MATERIAL.

25X1D [REDACTED]

25X1D

25X1D SARY-SHAGAN MTC LAUNCH COMPLEX A [REDACTED]

STATUS: OPERATIONAL

25X1A

REMARKS:

ALL FACILITIES OF THE COMPLEX APPEARED TO BE OPERATIONAL.
EQUIPMENT WAS OBSERVED AT EACH LAUNCH SITE AND AT THE
ASSOCIATED ELECTRONICS SITES.

25X1D [REDACTED]

25X1D

25X1D SARY-SHAGAN MTC LAUNCH COMPLEX B [REDACTED]

STATUS: OPERATIONAL

25X1A

REMARKS:

A LIGHT-TONED POSSIBLE GALOSH MISSILE CANISTER, APPROXIMATELY
19.6 X 3.1 METERS (64 X 10 FEET), WAS OBSERVED ON THE ROAD NEAR
LAUNCH POSITION C1 AT LAUNCH COMPLEX B. A LIGHT-TONED GALOSH
MISSILE CANISTER HAS BEEN OBSERVED ON SEVERAL PREVIOUS MISSIONS
IN OR NEAR LAUNCH POSITION C1.

MISSILE ORDER OF BATTLE:

25X1D [REDACTED]
1 POSS GALOSH MISSILE
CANISTER

Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1
TOP SECRET RUFF
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Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1
CONTROL SYSTEM ONLY

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

SOVIET UNION
MISSILE RANGES

25X1D

25X1D

25X1D SARY-SHAGAN MTC LAUNCH COMPLEX F

STATUS: UNDER CONSTRUCTION

25X1A

REMARKS:

A LAUNCHER HAS PROBABLY BEEN INSTALLED AT LAUNCH POSITION 2C, LAUNCH SITE 2. A DARK-TONED OBJECT, APPROXIMATELY THE SIZE OF THE LAUNCHERS AT POSITIONS 2A AND 2B, WAS OBSERVED AT THE END OF THE CONCRETE LAUNCH POSITION. NO GALOSH/GALOSH-TYPE MISSILE CANISTERS WERE OBSERVED AT THE COMPLEX. THE POSSIBLE PHASED-ARRAY RADAR AND THE ADJACENT UNIDENTIFIED RADAR WERE STILL AT THE ELECTRONICS HARDSTAND AT SITE 2.

25X1D

25X1D AT THE SUSPECT LAUNCH SITE, A RECTANGULAR CONCRETE PAD HAS BEEN COMPLETED AT THE MID-SECTION OF THE NORTHERN LEG. A THIN LINEAR OBJECT EXTENDS NORTH-SOUTH ACROSS THE SOUTHERN PAD OF THE SUSPECT LAUNCH SITE.

25X1D

IN THE AREA OF UNIDENTIFIED CONSTRUCTION JUST SOUTH OF THE SUSPECT LAUNCH SITE, A SQUARE EXCAVATION HAS BEEN DUG AT EACH OF THE SIX SETS OF FOOTINGS WHICH WERE FIRST IDENTIFIED IN

25X1D

AT THE GRIFFON R + D LAUNCH SITE EAST, ONE OF THE TWO BUILDINGS AT THE SOUTHERN EDGE OF THE SITE APPEARED TO BE EXTERNALLY COMPLETE SECOND BUILDING WAS IN THE MIDSTAGE OF CONSTRUCTION.

25X1D

25X1D

25X1D TYURATAM MISSILE TEST CENTER

STATUS: OPERATIONAL

25X1A

REMARKS:

LAUNCH COMPLEXES A, F, AND J AND PORTIONS OF LAUNCH GROUPS I, K, L, N, O, P, Q, AND R WERE OBSERVED. THE MAIN SUPPORT BASE AND THE SUPPORT FACILITIES ALONG THE MAIN NORTH-SOUTH COMPLEX ROAD COULD BE IDENTIFIED ONLY. IN LAUNCH COMPLEX A, A NEW BUILDING WAS UNDER CONSTRUCTION IN SPACECRAFT FACILITY (SOUTH). AT LAUNCH SITE I4, TWO DARK LINEAR IMAGES, RAIL-LIKE IN APPEARANCE, EXTENDED ALMOST THE LENGTH OF THE EARTH MOUND JUST

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TOP SECRET RUFF

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Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1
CONTROL SYSTEM ONLY

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

SOVIET UNION
MISSILE RANGES

WEST OF THE SILO. A LIGHT-TONED SQUARE OBJECT WAS NEAR THE MIDDLE OF THE RAIL-LIKE IMAGES. EQUIPMENT OR MATERIALS WERE ADJACENT TO THE WEST SIDE OF THE SILO. NO DETAILS OF THE WORK ON THE HEADWORKS WERE DISCERNIBLE IN LAUNCH GROUP R. TWO DARK-TONED, LINEAR RAIL-LIKE IMAGES SIMILAR TO THOSE OBSERVED AT SITE I4 WERE OBSERVED ON THE RAMPS OR APRONS AT SITES R1 AND R4. A LIGHT-TONED SQUARE OBJECT WAS OBSERVED IN THE MIDDLE OF THE RAIL-LIKE IMAGES. WEATHER AND THE SCALE OF THE PHOTOGRAPHY PRECLUDED ANALYSIS OF DETAILS OF SILO CONSTRUCTION IN LAUNCH GROUP R. NO OTHER SIGNIFICANT ACTIVITY WAS OBSERVED.

25X1D

OTHER RESULTS-NO APPARENT CHANGE

25X1D

SARY-SHAGAN MTC LAUNCH COMPLEX D

25X1D

STATUS: UNDER CONSTRUCTION

25X1A

REMARKS:

NO SIGNIFICANT CONSTRUCTION ACTIVITY WAS OBSERVED.

25X1D

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

SOVIET UNION
AIR DEFENSE MISSILES

SIGNIFICANT RESULTS

25X1D

MOSKVA ABM LAUNCH COMPLEX E15

25X1D

STATUS: UNDER CONSTRUCTION

25X1A

REMARKS:

25X1D

CONSTRUCTION ACTIVITY WAS OBSERVED AT THE COMPLEX FOR THE FIRST TIME SINCE [REDACTED]

25X1D

A NEW PROBABLE BUILDING WAS BEING CONSTRUCTED IMMEDIATELY EAST OF THE LARGE TRY ADD BUILDING IN THE TRY ADD OPERATIONS AREA. IT MEASURES [REDACTED] NO EVIDENCE OF CONSTRUCTION ACTIVITY WAS OBSERVED HERE ON THE LAST

25X1D

COVERAGES, [REDACTED] A NEW IRREGULARLY SHAPED EXCAVATION WAS ALSO OBSERVED APPROXIMATELY 200 METERS (650 FEET) WEST OF THE LARGE TRY ADD BUILDING. EARTH HAD BEEN REMOVED FROM AN AREA APPROXIMATELY 45 BY 30 METERS (150 BY 100 FEET). THIS CONSTRUCTION ACTIVITY DID NOT RESEMBLE ACTIVITY PREVIOUSLY OBSERVED AT THE MOSCOW ABM COMPLEXES OR AT THE SARY-SHAGAN MISSILE TEST CENTER. NO RENEWAL OF CONSTRUCTION ON THE THREE TRY ADD BUILDINGS AT THIS COMPLEX WAS EVIDENT ON PHOTOGRAPHY.

25X1D

IN THE NORTHERN SECTOR OF THE SUPPORT AREA, A ONE-STORY BUILDING HAD BEEN CONSTRUCTED ON THE FOUNDATION FIRST OBSERVED IN [REDACTED] ANOTHER PROBABLE BUILDING WAS NEWLY OBSERVED UNDER CONSTRUCTION ALONG THE SOUTHERN PERIMETER OF THE SUPPORT AREA.

(SEE ATTACHMENT)

25X1D

25X1D

MOSKVA ABM LAUNCH COMPLEX E24

25X1D

NAC

STATUS: OPERATIONAL

25X1A

25X1D

MISSILE ORDER OF BATTLE:

5 GALOSH CANISTERS (ERECTED ON LAUNCHERS)

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Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1
TALANT-KEYHOLE
CONTROL SYSTEM ONLY

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

SOVIET UNION
AIR DEFENSE MISSILES

25X1D

[REDACTED]

25X1D

ODESSA SAM SITE A20-3

25X1A

[REDACTED]

25X1D

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

9.3 NM SOUTH OF ODESSA AND IMMEDIATELY SOUTH OF ODESSA SAM
TRAINING SITE A20-2 [REDACTED]

25X1A

THE NEWLY IDENTIFIED SITE CONSISTS OF FOUR REVETTED LAUNCH
POSITIONS (TWO PROBABLY OCCUPIED), AN UNOCCUPIED MOUNDED
GUIDANCE AREA, AND AN UNOCCUPIED REVETTED MISSILE-HOLD
POSITION.

25X1D

IMAGE DERIVED COORDINATES:

[REDACTED]

MAP SOURCE REFERENCE:

0250-13HL 5TH ED OCT 1966

25X1D

[REDACTED]

25X1D

PECHENGA SAM SITE B04-3 25X1A

25X1D

[REDACTED]

[REDACTED]

[REDACTED]

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

19.4 NM NE OF PECHENGA.

THE NEWLY IDENTIFIED SITE CONSISTS OF FOUR REVETTED LAUNCH
POSITIONS, A REVETTED GUIDANCE AREA, ONE REVETTED POSSIBLE
MISSILE-HOLD POSITION, AND AN ONSITE SUPPORT AREA WITH AT LEAST
FIVE BUILDINGS.

25X1D

IMAGE DERIVED COORDINATES:

[REDACTED]

MAP SOURCE REFERENCE:

200-SER-0051-12HL 5TH ED APR 68

[REDACTED]

25X1D

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Approved For Release 2000/04/17 : CIA-RDP78T04562A002100010004-1
TALENT-KEYHOLE
CONTROL SYSTEM ONLY

TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

SOVIET UNION
AIR DEFENSE MISSILES

25X1D

PECHENGA SAM SITE B06-3 25X1A

25X1D

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

14.5 NM NE OF PECHENGA.

THE NEWLY IDENTIFIED SITE CONSISTS OF FOUR REVETTED LAUNCH POSITIONS, A REVETTED GUIDANCE AREA, ONE POSSIBLE REVETTED MISSILE-HOLD POSITION, AT LEAST SIX SUPPORT BUILDINGS, AND A POSSIBLE SQUAT EYE RADAR.

ELECTRONIC ORDER OF BATTLE:

1 POSS SQUAT EYE

IMAGE DERIVED COORDINATES:

MAP SOURCE REFERENCE:

200-SER-51-12 5THED APR 68

[REDACTED]

25X1D

PECHENGA SAM SITE C05-3 25X1A

25X1D

STATUS:OCCUPIED

PHYSICAL DESCRIPTION:

24.7 NM NE OF PECHENGA.

THE NEWLY IDENTIFIED SITE CONSISTS OF FOUR REVETTED LAUNCH POSITIONS, A REVETTED GUIDANCE AREA, ONE REVETTED MISSILE-HOLD POSITION, THREE POSSIBLE SUPPORT BUILDINGS, AND A PROBABLE SQUAT EYE RADAR.

ELECTRONIC ORDER OF BATTLE:

1 PROB SQUAT EYE

IMAGE DERIVED COORDINATES:

MAP SOURCE REFERENCE:

200-SER-51-12 5THED APR 68

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TALENT-KEYHOLE

TOP SECRET RUFF

CONTROL SYSTEM ONLY

HANDLE VIA TOP SECRET RUFF
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KH-4 MISSION 1114-1

SOVIET UNION
AIR DEFENSE MISSILES

25X1D
[REDACTED]

OTHER RESULTS-NO APPARENT CHANGE

25X1D

25X1D

MOSKVA ABM LAUNCH COMPLEX E05
[REDACTED] [REDACTED] [REDACTED]

STATUS: OPERATIONAL

25X1A

25X1A

REMARKS:

NO MAJOR CHANGE IN FACILITIES WAS OBSERVED. THE PRESENCE OF
GALOSH CANISTERS COULD NOT BE DETERMINED.
[REDACTED]

25X1D

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SOVIET UNION
NAVAL BASE FACILITIES

SIGNIFICANT RESULTS

ARA GUBA NAVAL BASE
[REDACTED] NAC

25X1D

STATUS: OPERATIONAL

25X1A

NAVAL ORDER OF BATTLE:

2 PETYA PCE 1 AUXILIARY
1 POSS PETYA PCE 1 YR
1 POSS ATREK ASL

ARKHANGELSK NAVAL OPERATING BASE
[REDACTED] NAC

25X1D

STATUS: OPERATIONAL

25X1A

NAVAL ORDER OF BATTLE:

2 PROB COMBATANTS 24 UNIDENTIFIED VESSELS
6 PROB AUXILIARIES

DALNIYE ZELENTSY SUBMARINE BASE
[REDACTED] NAC

25X1D

STATUS: OPERATIONAL

25X1A

NAVAL ORDER OF BATTLE:

2 POSS T-43 MSF

DOLGAYA NAVAL BASE
[REDACTED] NAC

25X1D

STATUS: OPERATIONAL

25X1A

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KH-4 MISSION 1114-1

SOVIET UNION
NAVAL BASE FACILITIES

NAVAL ORDER OF BATTLE:

4 RIGA DE	3 POSS AUXILIARIES
2 DE	1 POLUCHAT-1 YPT
16 OSA PTFG	6 SMALL VESSELS
9 PROB SHERSHEN PTF	1 OSA YAGT
10 PROB SMALL COMBATANTS	1 YR

DUNAY SUB BASE A SHPYD RAZBOYNIK BAY
NAC

STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:

1 E-II SSGN	1 202A AR
2 SMALL PT	1 ARD (D)
1 POSS T-58 MSF	1 PM-124 YRSN
1 DNEPR AR	2 PROB 4026 YRSN
1 LUZA AOS	16 SMALL VESSELS
1 CHULM AR	8 YAGT

DUNAY SUB BASE KONYUSHKOVA BAY
NAC

STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:

1 PROB J SSG	1 POSS CARGO VESSEL
3 MEDIUM SS	1 SMALL VESSEL
1 SMALL SS	1 FLOATING CRANE
1 OSS	

LITSA GUBA SUBMARINE BASE NORTH
NAC

STATUS: OPERATIONAL

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KH-4 MISSION 1114-1

SOVIET UNION
NAVAL BASE FACILITIES

25X1D NAVAL ORDER OF BATTLE:

4 E-II SSGN	3 BOLVA APL
1 LARGE SS	1 AUXILIARY
1 UGRA AS	4 SMALL VESSELS
1 POSS AOL	

25X1D ASSOCIATED OBJECTS:

5 FLOATING PIER SECTIONS

25X1D

25X1D

25X1D LITSA GUBA SUBMARINE BASE SOUTH
NAC

25X1A

STATUS: OPERATIONAL

REMARKS:

THIS WAS THE FIRST OPERATIONAL DEPLOYMENT OF THE P-CLASS SSGN.

25X1D NAVAL ORDER OF BATTLE:

1 P SSGN	1 AMUR AR
4 C SSGN	1 BOLVA APL
4 V SSN	1 APL
1 N SSN	1 AUXILIARY
1 PROB V SUBMARINE	1 FLOATING CRANE
1 POSS OSS	1 POSS YR

25X1D

25X1D

25X1D OLENYA GUBA SUBMARINE BASE
NAC

25X1A

STATUS: OPERATIONAL

25X1D NAVAL ORDER OF BATTLE:

7 G SSB	1 BOLVA APL
1 LARGE SUBMARINE	8 UNIDENTIFIED VESSELS
1 K-1 OSS	

25X1D

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SOVIET UNION
NAVAL BASE FACILITIES

25X1D PALA GUBA NAVAL BASE + SHIP RPR YARD 25X1A 25X1D

STATUS: OPERATIONAL

25X1A

REMARKS:

25X1A A Y SSBN WAS OBSERVED IN THE LARGE FLOATING DRYDOCK AT THIS INSTALLATION. THIS IS THE SECOND REPAIR FACILITY IN THE SOVIET NORTHERN FLEET KNOWN TO HAVE A Y-CLASS OUT-OF-WATER REPAIR CAPABILITY. THE OTHER IS CHELNOPUSHKA SHIP REPAIR YARD (BE

25X1D NAVAL ORDER OF BATTLE:

1 Y SSBN (IN ARD-D)	1 BOLVA APL
4 H-II SSBN (1 IN ARD-D)	1 APL
1 PROB C SSGN	1 COVERED ARD-D
1 E-II SSGN	2 ARD-D
2 N SSN	1 ARD-T
4 MEDIUM SS	1 YR
1 DNEPR AR	1 FLOATING CRANE
1 202-A YRSN	1 BARGE
1 402-C YRSN	

25X1D

25X1D

25X1D PECHENGA SUBMARINE BASE LINAKHAMARI
NAC

25X1A

STATUS: OPERATIONAL

25X1D NAVAL ORDER OF BATTLE:

10 MEDIUM SS	5 SMALL COMBATANTS
3 POSS PC	1 PROB OSKOL AR
4 PROB PT	1 POSS AR
3 T-58 MSF	2 AUXILIARIES
11 T-43 MSF	4 SMALL VESSELS
1 PROB MSF	

25X1D

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SOVIET UNION
NAVAL BASE FACILITIES

25X1D

25X1D POLYARNYY SUBMARINE BASE
[REDACTED] NAC

25X1A

STATUS: OPERATIONAL

25X1D NAVAL ORDER OF BATTLE:

11 MEDIUM SS (AT LEAST)	1 OSKOL AR
4 POTI PC	1 WILHELM BAUER ASL
1 POSS PETYA PCE	1 APL
1 PROB ALESHA MMF	1 AUXILIARY
1 POSS T-58 MSF	2 ARD (T)
3 POSS T-43 MSF	1 YR
5 SMALL COMBATANTS (1 IN ARD-T)	19 SMALL VESSELS

25X1D

25X1D

25X1D ROSTA NAVAL BASE + SHP RPR YD SEVMORPU
[REDACTED] NAC

25X1A

STATUS: OPERATIONAL

25X1D NAVAL ORDER OF BATTLE:

1 PROB E-II SSGN (IN GRAVING DOCK)	1 UDA AO
1 G SSB	2 UGRA AS (1 IN CHANNEL)
4 J SSB (2 IN GRAVING DOCK)	2 AUXILIARIES
12 MEDIUM SS (2 IN DRYDOCK)	2 POSS MERCHANT VESSELS
2 PROB SKORYY DD	6 SMALL VESSELS
2 PROB PETYA PCE	2 YAGT
2 MEDIUM COMBATANTS	2 YR
2 SMALL COMBATANTS	1 FLOATING CRANE

25X1D

25X1D

25X1D SAYDA GUBA NAVAL BASE TOROS
[REDACTED] NAC

25X1A

STATUS: OPERATIONAL

25X1D NAVAL ORDER OF BATTLE:

[REDACTED]

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KH-4 MISSION 1114-1

SOVIET UNION
NAVAL BASE FACILITIES

1 PROB POTI PC
4 PROB MSF (1 IN BAY)

4 UNIDENTIFIED SMALL CRAFT

25X1D

25X1D

SAYDA GUBA SUBMARINE BASE

25X1A

25X1A

STATUS: OPERATIONAL

REMARKS:

CONSTRUCTION WAS CONTINUING ON THE BARRACKS. OF THE 11 Y SSBN PRESENT, SEVEN HAD LIGHT-TONED AND FOUR HAD DARK-TONED SONARS. ONE OF THE Y SSBN UNITS WITH A LIGHT-TONED SONAR IS UNUSUAL IN THAT IT APPEARS TO HAVE SOME TYPE OF VERTICAL STRUCTURE OVER THE MISSILE BAY. THIS VERTICAL STRUCTURE APPEARS TO BE LIKE A VERY LARGE SAIL SUCH AS THAT OF THE H-III SSBN. HOWEVER, OTHER VISIBLE FEATURES ARE CHARACTERISTIC OF THE Y SSBN SUCH AS BOW SHAPE, HULL SHAPE, SAIL-MOUNTED DIVING PLANES, LIFELINE RAILS, AND OVERALL SIZE.

NAVAL ORDER OF BATTLE:

11 Y SSBN
1 H-II SSBN
1 K-1 OSS
1 UGRA AS
1 AMUR AR

1 DNEPR AR
2 BOLVA APL
1 LARGE FLOATING CRANE
11 UNIDENTIFIED VESSELS

25X1D

25X1D

25X1A

SEVERODVINSK NAVAL BASE WEST
NAC

STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:

5 MEDIUM SS
1 KOLA DE
2 RIGA DE
5 PROB AUXILIARIES

1 ARD (T) (DROP-STERN)
1 POSS ARD (T)
29 UNIDENTIFIED SMALL CRAFT
(22 ON QUAY)

25X1D

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SOVIET UNION
NAVAL BASE FACILITIES

25X1D

25X1A

SEVEROMORSK NAVAL BASE
NAC

25X1D

STATUS: OPERATIONAL

25X1D

NAVAL ORDER OF BATTLE:

1 KRESTA CLGM
2 CL
1 POSS KANIN DDG
1 DD
3 DE
2 POSS PETYA PCE
1 POSS ALESHA MMF
1 ALLIGATOR LST

3 LSV
3 SMALL COMBATANTS
1 PROB NEPA ASR
1 POSS T-58 ASR
2 AUXILIARIES
1 AOL
10 SMALL VESSELS

25X1D

25X1D

25X1A

STRELOK ST SUB BASE PAVLOVSKOGO BAY
NAC

25X1D

STATUS: OPERATIONAL

REMARKS:

ON THE Y SSBN, AN UNIDENTIFIED WHITE OBJECT WAS SEEN ON THE
STARBOARD SIDE AMIDSHIPS. POSSIBLY IT WAS AN OPEN MISSILE-TUBE
DOOR.

25X1D

NAVAL ORDER OF BATTLE:

1 Y SSBN
2 E-II SSGN
1 POSS E-I SSN
1 LARGE SUBMARINE
1 OSS
1 VALA AOSR

1 ATREK ASL
1 PM-124 YRSN
5 SMALL VESSELS
1 PROB PETYA PCE (UNDERWAY
OUTSIDE HARBOR)

25X1D

25X1D

25X1A

URA GUBA SUBMARINE BASE
NAC

25X1D

STATUS: OPERATIONAL

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KH-4 MISSION 1114-1

SOVIET UNION
NAVAL BASE FACILITIES

25X1D NAVAL ORDER OF BATTLE:

1 J SSG	2 BOLVA APL
9 MEDIUM SS	1 AUXILIARY
1 POSS SS IN ARD (T)	1 POSS DUNA YR
1 WILHELM BAUER ASL	1 SUPPORT-CLASS YR
1 ATREK ASL	1 YR
1 POSS AOL	5 SMALL VESSELS

25X1D

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SOVIET UNION
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1A

25X1D

BELGOROD-DNESTROVSKIY ORDNANCE DEPOT
NAC

25X1D

STATUS: OCCUPIED

GROUND FORCE ORDER OF BATTLE:

25X1D

300 VEHICLES/PIECES OF
EQUIP (AT LEAST)

25X1D

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Next 5 Page(s) In Document Exempt

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TCS-20137/71 - IPIR 1
KH-4 MISSION 1114-1

SOVIET UNION
INDUSTRY

SIGNIFICANT RESULTS

25X1D

25X1D CHELNO PUSHKA SHIP REPAIR YARD
[REDACTED] NAC

25X1A [REDACTED]

STATUS: OPERATIONAL

25X1D NAVAL ORDER OF BATTLE:

1 PETYA PCE	2 AUXILIARIES (1 IN ARD-D)
2 POTI PC	1 AO
1 T-43 MSF	1 CARGO VESSEL
1 UGRA AS	4 SMALL VESSELS
4 SMALL COMBATANTS (1 IN ARD-D)	1 FLOATING CRANE
	1 YR

25X1D [REDACTED]

25X1D

25X1D LUKHOVITSY AIRFRAME PLT
[REDACTED] NAC

25X1A [REDACTED]

STATUS: OPERATIONAL

25X1D ASSOCIATED OBJECTS:

--- AT THE AIRFIELD	
1 PROB CAMEL/COOKER	1 MEDIUM STRAIGHT-WING
7 POSS SMALL	5 LIGHT STRAIGHT-WING (AT LEAST)
DELTA/SWEPT-WING (AT LEAST)	
1 LIGHT SWEPT-WING	

25X1D [REDACTED]

25X1D

25X1D NIKOLAYEV SHIPYARD NOSENKO 444
[REDACTED] NAC

25X1A [REDACTED]

STATUS: OPERATIONAL

25X1D NAVAL ORDER OF BATTLE:

1 MOSKVA CHG	1 PRIMORYE AGI
1 PROB UGRA AS	3 FISH FACTORY SHIPS
1 PROB LAMA AEM	3 MERCHANT SHIPS

25X1D [REDACTED]

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SOVIET UNION
INDUSTRY

25X1D NIKOLAYEV SHPYD NORTHERN 61 KOMMUNA445 25X1A 25X1D
[REDACTED] NAC [REDACTED]

STATUS: OPERATIONAL

25X1D NAVAL ORDER OF BATTLE:

1 445B CLG	1 MEDIUM COMBATANT
2 KASHIN DLG	1 POSS SIBIR REFRIGERATOR
1 POSS KASHIN DLG	SHIP
2 DD	4 SMALL VESSELS

25X1D [REDACTED]

25X1D PETROVKA NAVAL BASE + SHIPYARD 25X1A 25X1D
[REDACTED] [REDACTED] [REDACTED]

STATUS: OPERATIONAL 25X1A

REMARKS:

A Y SSBN WAS OBSERVED AFLOAT OFF THE END OF THE PONTOON PIER AND PARALLEL TO THE FITTING-OUT QUAY.

AN UNIDENTIFIED LARGE SUBMARINE WAS OBSERVED IN THE ARD (T) NO 1 AT POSITION NO IV OF THE FITTING-OUT AND REPAIR YARD.

AN UNOCCUPIED ARD (T) NO 2 WAS OBSERVED AT POSITION NO IX OF THE FITTING-OUT AND REPAIR YARD.

25X1D LITTLE PROGRESS WAS NOTED IN THE CONSTRUCTION OF THE NEW REPAIRWAY SHED SINCE [REDACTED]. A ROOF HAD BEEN INSTALLED ON THE LARGE BUILDING UNDER CONSTRUCTION ON THE ARTIFICIAL ISLAND.

25X1D NAVAL ORDER OF BATTLE:

1 Y SSBN	1 AOL
2 E-II SSGN (ON REPAIRWAYS	2 202-A AR
1 + 4)	1 ARD (T) NO 2
1 PROB E-I SSGN/SSN (ON	1 ZEYA YRSN
REPAIRWAY 2)	1 PETROVKA A YRSN
1 POSS E-I SSGN/SSN	1 PETROVKA B YRSN
1 PROB N SSN (ON REPAIRWAY	1 PROB PM-124 YRSN
3)	3 SUPPORT BARGES
1 LARGE SS, TYPE UKN (IN	(RECTANGULAR)

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SOVIET UNION
INDUSTRY

ARD (T) NO 1)
2 PROB SO-1 SC
11 UNIDENTIFIED AG
1 POSS AGSS

1 POSS SUPPORT BARGE
(RECTANGULAR)
3 FLOATING CRANES

25X1D

25X2

25X1D

RAMENSKOYE FLIGHT TEST CENTER

STATUS: OPERATIONAL

25X1A

25X1A

25X1D

REMARKS:

THE FOLLOWING AREAS WERE CLOUD COVERED: TUPOLEV, SUKHOY AND
ADJACENT AREA, MIKOYAN AND ADJACENT AREA, ILYUSHIN, AND
MYASISHCHEV.

25X1D

ASSOCIATED OBJECTS:

-- EAST PARKING AREA (95% CLOUD COVERED)

3 BADGER

1 PROB FOXBAT

1 PROB BADGER

25X1D

-- YAKOVLEV AREA (80% CLOUD COVERED)

3 LIGHT STRAIGHT-WING

1 PROB LIGHT STRAIGHT-WING

25X1D

-- CROSSOVER AREA (70% CLOUD COVERED)

15 SMALL DELTA/SWEPT-WING
(AT LEAST)

25X1D

-- TRANSIENT PARKING AREA (50% CLOUD COVERED)

6 MEDIUM STRAIGHT-WING

1 LIGHT STRAIGHT-WING

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SOVIET UNION
INDUSTRY

25X1D

--- MIL AREA (50% CLOUD COVERED)
5 MEDIUM HELICOPTERS (AT
LEAST)

25X1D

25X2

25X1D

SEVERODVINSK SHIPYARD YAGRY ISLAND

STATUS: OPERATIONAL

25X1A

25X1D

REMARKS:

A PROBABLE A SSN WAS AT THE QUAY BETWEEN TWO SUPPORT BARGES
(YRSN). A POSSIBLE 402K SUBMARINE WAS AT THE QUAY IN THE SAME
POSITION AS A 402K SUBMARINE HAD BEEN OBSERVED IN

25X1D

25X1D

25X1D

NAVAL ORDER OF BATTLE:

--- AT QUAY

1 PROB A SSN

2 E-II SSGN

1 PROB N SSN

1 POSS 402K SUBMARINE

1 PROB TOVDA AR

2 BOLVA APL

2 YRSN

2 SUPPORT BARGES
(RECTANGULAR)

1 ARD (D)

1 TUG

25X1D

--- IN WET BASIN

1 PROB E-II SSGN

1 PROB N SSN

1 PROB AUXILIARY

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HANDLE VIA TALENT-KEYHOLE TOP SECRET RUFF
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SOVIET UNION
INDUSTRY

1 SUPPORT BARGE
(RECTANGULAR)

25X1D

25X1D SEVERODVINSK SHIPYARD 402 25X1A

25X1D

25X1A

STATUS: OPERATIONAL

REMARKS:

A Y SSBN WAS OBSERVED IN THE FLOODED LAUNCH BASIN ON THE LAUNCH
RAILS FROM BUILDINGWAY A. PREVIOUS OBSERVATIONS OF PRODUCTION
CYCLES INDICATE THAT THIS IS PROBABLY THE TWENTIETH Y SSBN.
THE PREVIOUS 19 Y SSBN BUILT HERE HAVE EITHER BEEN DEPLOYED OR
ARE ON SEA TRIALS.

AT LEAST 11 Y-CLASS PRESSURE-HULL SECTIONS WERE IN THE HULL
SECTION STAGING AREA EAST OF THE MAIN CONSTRUCTION HALL.

A LARGE EXCAVATION, POSSIBLY FOR A NEW BUILDING FOUNDATION, WAS
OBSERVED FOR THE FIRST TIME JUST NORTH OF THE MAIN CONSTRUCTION
HALL AND PARALLEL TO IT.

25X1D NAVAL ORDER OF BATTLE:
-- IN LAUNCH BASIN

1 Y SSBN
1 E-II SSGN
1 402H CATAMARAN
1 FLOATING CRANE

1 SUPPORT BARGE
(RECTANGULAR)
4 TUGS

25X1D NAVAL ORDER OF BATTLE:
-- MAIN QUAY

2 SUPPORT BARGES
(RECTANGULAR)

1 BREASTING PLATFORM
1 PROB YR

25X4D NAVAL ORDER OF BATTLE:
-- EAST QUAY AREA

3 YRSN
1 POSS YRSN
1 ARD (D) (2 SMALL CRAFT
ABOARD)

1 CARGO BARGE
1 FLOATING CRANE

25X1D NAVAL ORDER OF BATTLE:
-- CALIBRATION AND DEGAUSSING QUAY
1 PROB V SSN
1 SUPPORT BARGE

1 CARGO BARGE

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SOVIET UNION
INDUSTRY

(RECTANGULAR)

NAVAL ORDER OF BATTLE:

25X1D [REDACTED] -- IN HULL SECTION STAGING AREA
11 Y SSBN PRESSURE HULL
SECTIONS (APPROX) 25X1D

[REDACTED]

OTHER RESULTS-NO APPARENT CHANGE

25X1D

25X1D KEMEROVO SOLID MOTOR PRODUCTION PLT
[REDACTED] NAC

STATUS: OPERATIONAL 25X1D

25X1A

[REDACTED]

25X1D

25X1D SEVERODVINSK NAVAL MISSILE SUPPORT FAC
[REDACTED] NAC

STATUS: OPERATIONAL

25X1A

25X1D NAVAL ORDER OF BATTLE:
[REDACTED]
NONE DISCERNIBLE

25X1D

[REDACTED]

25X1D

25X1D ZLATOUST ARMAMENT PLANT 66
[REDACTED] NAC

STATUS: OPERATIONAL

25X1A

[REDACTED]

25X1D

Attachments

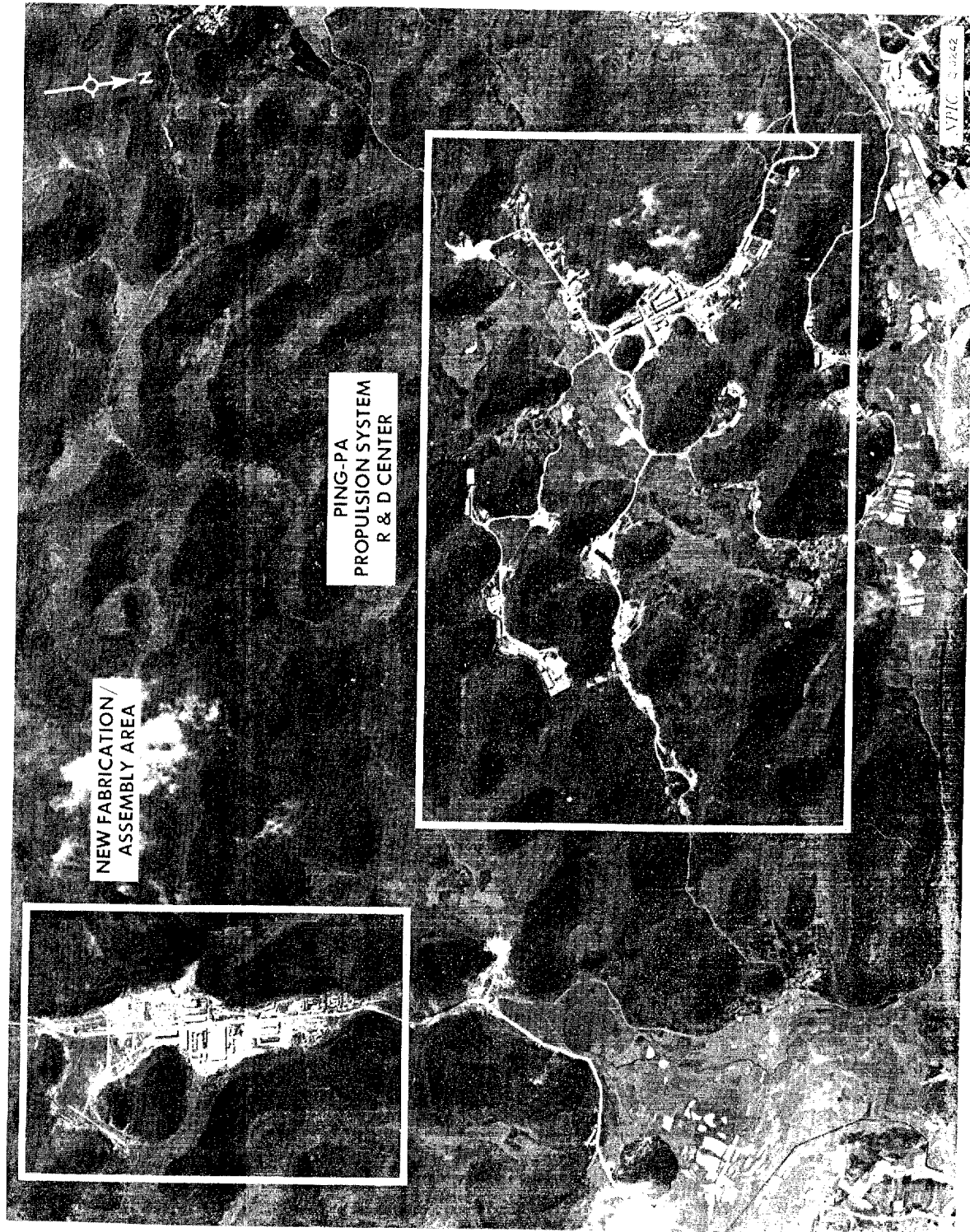
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TOP SECRET RUFF

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ATTACHMENT 1



25X1A

PING-PA PROPULSION SYSTEM R&D CENTER, CHINA

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KH-4 MISSION 1114-1, 25-31 MARCH 1971

TCS-20137/71

ATTACHMENT 3



(RENEWED) CONSTRUCTION ACTIVITY AT MOSCOW ABM LAUNCH COMPLEX EL5, USSR



25X1A

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TOP SECRET RUFG

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TABLE 1. DEPLOYED ICBM COMPLEXES, TYURATAM MTC, AND PLESETSK MSC

COMPLEX	SS-7	SS-8	SS-9	SS-11	SS-13		TOTALS*	LAUNCH GROUPS	LAUNCHERS				
	TYPE IIA, B & D & IIIA	TYPE IIC & IIIB	TYPE IIIC	TYPE IIID	TYPE IIIE	TYPE IIIF		IDENTIFIED	NEW THIS MISSION	DROPPED THIS MISSION			
	SITES		LAUNCHERS								COMPLETE	INCLUDED IN TOTAL	
	LAUNCHERS		LAUNCHERS										
ALEYSK ★			30				30	5/5					
DOMBAROVSKIY ★			65			1	66	11/10					
DROVYANAYA	6/15			50			65	5/5					
GLADKAYA ★	3/7			60			67	6/6					
IMENI GASTELLO ★			54			3	57	9/8	1				
ITATKA ★	3/6						6						
KARTALY ★			42			(3)	42	7/6	(3)				
KOSTROMA ★	7/15			90			105	9/9					
KOZELSK ★		5/12		110			122	11/11					
NOVOSIBIRSK	5/12						12						
OLOVYANNAYA ★	3/9			90			99	9/9					
OMSK		1/3					3						
PERM ★	6/13			80			93	8/7					
SHADRINSK ★	3/9						9						
SVOBODNY	8/17			60			77	6/6					
TATISHCHEVO				120			120	12/12					
TEYKOVO ★	6/12			80			92	8/6					
TYUMEN		2/4					4						
UZHUR ★			60				60	10/9					
VERKHNYAYA ★ SALDA	9/20						20						
YEDROVO ★	8/18			110			128	11/11					
YOSHKAR OLA ★	6/12				65		77	8/2					
YURYA ★	11/25						25						
ZHANGIZ-TOBE ★			54			1	55	9/8	1				
TOTALS	84/190	8/19	305	850	65	5(3)	1434	144/130	2(3)				

★ TYURATAM MTC	TOTAL LAUNCHERS INCLUDES 17 SSM R&D SPACE LAUNCH POSITIONS	79		
PLESETSK MSC	TOTAL LAUNCHERS INCLUDES 8 SSM R&D SPACE LAUNCH POSITIONS	33		

*TOTALS DO NOT INCLUDE THE TRAINING SITES AT THE 17 SINGLE-SILO COMPLEXES NOR THE TYPE IIID LAUNCH SITES AT THE DERAZHNYA MRBM COMPLEX AND THE PERVOMAYSK IRBM COMPLEX.

★ COMPLEX AT LEAST PARTIALLY COVERED ON THIS MISSION
 PARENS INDICATE POSSIBLE LAUNCHERS AND ARE NOT INCLUDED IN COUNT

Table 2. SOVIET MRBM AND IRBM DEPLOYMENT

GEOGRAPHIC AREA	SOFT MRBM LAUNCH SITES	SOFT IRBM LAUNCH SITES	HARD MRBM LAUNCH SITES	HARD IRBM LAUNCH SITES	TOTAL LAUNCH SITES	TOTAL LAUNCH POSITIONS
WESTERN	101	10*	18	10	139	546**
CAUCASUS	3		2	3	8	29
CENTRAL ASIA	2	1	1	3	7	25
FAR EASTERN						
TOTALS	106	11	21	16	154	600**

Totals do not include 92 fixed field-type sites with total of 341 launch positions

*One has only 2 pads

**Totals do not include the 113 inactive launch positions at Anastasyevka, Gvardeysk, Simferopol, Barano-Orenburgskoye, Balta, Uman (2 sites), Paplaka, Mukachevo, Derazhnya (2 sites), Suchan, Kremovo, Novosysoyevka, Ugolnyy, Zhitomir (1 site) and Kamenets Podolskiy Complexes

Table 3. TYPE IIID LAUNCH SITES AT MR/IRBM COMPLEXES

COMPLEX	SITES*	LAUNCH GROUPS	LAUNCHERS	
			NEW THIS MISSION	DROPPED THIS MISSION
		IDENTIFIED COMPLETE	INCLUDED IN TOTAL	
DERAZHNYA	61	6 3		
★ PERVOMAYSK	60	6 5		
Totals*	121	12 8		

*Totals do not include training sites

★Covered this mission

TABLE 4. TYPE IIIF LAUNCH SITES AT MRBM COMPLEXES

COMPLEX	SITES	LAUNCH GROUPS	LAUNCHERS	
			NEW THIS MISSION	DROPPED THIS MISSION
		IDENTIFIED COMPLETE	INCLUDED IN TOTAL	
DERAZHNYA	8	UNKNOWN	8	
Totals	8	UNKNOWN	8	

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